

J-Tech

A CONESYS COMPANY

JTCIR Reverse Bayonet Connectors



MILITARY



AEROSPACE



TRANSPORTATION



GEOPHYSICAL



INDUSTRIAL



With roots dating back to 1983, Conesys Inc. is focused on the Design and Manufacturing of Quality Interconnect Products. We are an ISO 9001 and AS9100- Certified vertically integrated manufacturer of Circular and Rectangular Connectors for the Military, Industrial, Transportation and Commercial Markets.

Our companies Design, Manufacture and supply High Performance, EMI Filter & Transient Devices, Copper & High Frequency Interconnect Systems, Hermetically Sealed, PCB, RF and Application – Specific Interconnects to a wide range of Military, Aerospace, Commercial Aviation, Heavy Equipment, Rail & Mass Transit, Geophysical and Machine Automation sectors.

We are committed to being a Global Interconnect Organization. Servicing our Customers throughout

the America's and Asia from our headquarters in Torrance, California, serving the needs of our European, African and Middle East Customers from our Conesys Europe facility in Toulouse, France and serving the local market in China from our Conesys Asia Ltd. facility in Beijing China.

Conesys Inc. combines excellent financial strength with the flexibility and responsiveness of an entrepreneurial firm to supply our valued Customers Quality Products, Cost-efficiency and On-Time Delivery, while meeting a full range of your requirements from Standard Applications to Customized Solutions Engineering.

Our Mission is to be a World-Class supplier of Electronic Connector Products through Customer Satisfaction, Quality, Innovation and Leading-Edge Technology.



**Conesys
World Headquarters**



Aero-Electric Connector
*A High Volume, Mil Spec
Connector Manufacturer*



Aero Industrial Products
*Manufacturer of Connectors
and Cable Assemblies for the
industrial marketplace*



J-Tech & EMP
*Manufacturers of Custom
Connectors, fiber optic
assemblies, and filter connectors*



Conesys Europe
*Sales, Engineering, and
Connector Assembly of MIL Spec,
Hermetic, and custom connectors,
supporting
International Customers*



ATI Interco
*Sales and Engineering for
Printed Circuit Board and
Custom Connectors, Backshells
and Cabling Components*

Products

Conesys/Aero Electric Connector is a first-rate designer and cost competitive manufacturer of high performance environmental and firewall-rated cylindrical connectors machined from aluminum, carbon steel, stainless steel, and aluminum nickel bronze. Conesys/J-Tech specializes in front and rear release 5015 connectors as well as customer-specific applications for customized connectors and fiber optic assemblies. Conesys/EMP Connectors and Conesys/Jerrick design and manufacture EMI filter and EMP transient suppression devices. Conesys Europe markets and assembles product for Aero-Electric, J-Tech and EMP. Conesys/Aero Industrial Products sells and manufactures connectors and cable assemblies intended for the industrial marketplace.

Markets

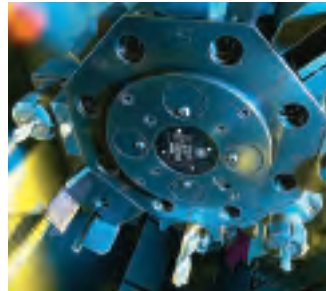
Our connectors are widely used in all types of applications spanning markets such as: Military/Aerospace, Commercial Aviation, Business Aviation, Aircraft Engines, Marine Applications, Heavy Equipment, Rail Mass Transit, Geophysical, Machine Automation/Motion Control, Medical Equipment, General Industrial and Telecommunications.

Excellence

Conesys' manufacturing process is vertically integrated, ISO 9001: 2000 and AS9100: 2001 – 08 certified, and most importantly, focused on continuous improvement through prevention of defects and reduction in variation and waste.

Quality Policy

“We are committed to Customer Satisfaction by meeting Quality and Delivery requirements while continuously measuring and improving our processes.”



Machining

In house, using state-of-the-art double spindle, double turret CNC machines allowing for flexibility, and faster cycle times.



Molding

In house, using internally built molds allowing for tighter controls and improved cycle times.



Plating

In house, using state-of-the-art equipment and environmentally compliant processes.



Assembly

In house, using cellular concepts for better efficiency, cost control and reduced cycle times.

Warranty: Conesys warrants to the first user that it will correct any proven defect in product purchased from Conesys without charge. This correction will be by repair or replacement, F.O.B. factory. Correction will be made as long as product was used in accordance with good engineering practices. Any claims for warranty replacement must be made in writing within 365 days of the original delivery date. Claims made after this time will not be recognized. This warranty is in lieu of all other expressed or implied warranties, including warranties of merchantability, and it does not include consequential damages.



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Features and Application

The JTCIR connector combines the best features of VG95234 and MIL-C-5015 specifications.

This harsh environment connector has multiple lay-out options allowing the mixing of power and signal contact, power only, or signal only.

Our contact design allows the user to interchange our contacts with those of other rail industry "F80" connectors, such as Veam CIR series.

Ease of coupling, quick disconnect coupling mechanism gives your rapid on/off. No coupling threads to gall or bind due to wear or contamination.

Proven reliability for use on military vehicles, locomotives, transit cars, auxiliary equipment, sound, stage, and lighting for the entertainment industry.



Key Features:

- Quick disconnect rapid on/off (1/3 turn)
- Yellow marking on coupling nut & receptacle shell gives visual positive mate indication
- Audible sound when the coupling nut is fully seated gives positive mate indication for blind mate applications
- Tactile feel when the coupling nut is fully seated gives positive mate indication for blind mate applications
- Stainless Steel wear pins prevents ramp wear from excessive mates/un-mates
- Low smoke, flame retardant neoprene inserts per UL94V0 are standard
- Corrosion resistant conductive finish in excess of 1,000 hours
- Corrosion resistant in a non conductive finish in excess of 10,000 hours
- Contacts interchangeable with rail industry "F80" contacts (Veam CIR series)

For Other Reverse Bayonet Products, Consult Factory

JT93** lightweight industrial plastic connectors

JTVG** utilizes metal contact clip system, with contact retention 3 times greater than standard monoblock inserts

JTVG is UL approved

J-Tech is ISO 9001 and AS9100B certified

Performance Specifications

Plating

- 2 – silver (standard)
- 9 – gold

Contact Termination Type

- C – crimp (F80)
- S – solder
- H – PC tail
- 0 – contacts are not supplied

Inserts & Grommets

- F – low smoke, flame retardant neoprene in accordance with UL94V0 (standard)
- H – halogen free
- X – alternate materials: high temp., silicone etc. (consult factory for details)

Material and Finish Data (Class)

- W – aluminum shell, cadmium olive drab plate, nickel underplate – standard
- M – aluminum shell, zinc cobalt olive drab plate, nickel underplate
- N – aluminum shell, zinc nickel clear over nickel sulfamate
- Y – aluminum shell, zinc cobalt black over nickel sulfamate
- 2 – aluminum shell, nickel plate
- 3 – stainless steel cres 303, passivated
- 5 – aluminum shell, hard anodize per MIL-A-8625 type III class 2, color black (consult factory for other finish or material options)

Vibration

Meets the requirements of MIL-DTL-5015 Series I Solder Test Condition 2 (no lockwires required)

Mating Cycles

Contacts: 2000 cycles min
Hardware: 2000 cycles min*
*Stainless steel wear pins on bayonet ramps per ASTM-A-581 or ASTM-A-582 prevent ramp wear from excessive matings and unmatings.

Operating Temperature Range

Neoprene: -55°C to +125°C (-67°F to +257°F)

Environmental Seal

Wired mated connectors with specified accessories attached, will meet sealing requirements of MIL-C-5015

Fluid Resistance

Is in accordance with MIL-DTL-5015 & VG95234. Connectors resist specified immersions in the following fluids:

- Gasoline: Automotive Benzine 95 Ron, CIVgas, combat gas sub-zero
- Lubricating Oil: 15W/40 engine moderate duty diesel service OEP-220
- Hydraulic Fluid: Petroleum-superclean OM-15 MIL-H-5606 AIR 3520 Hydrauncoil FH-3 synthetic hydraulic fluid MIL-H-46170 Type I
- Brake Fluid: Automotive OX-8, Polyglycol base
- Solvent cleansing compound, ARAL Puriklyn TR

Service Rating	Maximum Operating Voltage*		Test Voltage	Test Voltage	Test Voltage	Test Voltage
	(Sea Level)		Sea Level	50,000 Ft	70,000 Ft	110,000 Ft
	AC (RMS)	DC	V RMS	V RMS	V RMS	V RMS
INST.	200	250	1000	400	260	200
A	500	700	2000	600	360	200
D	900	1250	2800	675	400	200
E	1250	1750	3500	750	440	200
B	1750	2450	4500	825	480	200
C	3000	4200	7000	975	560	200

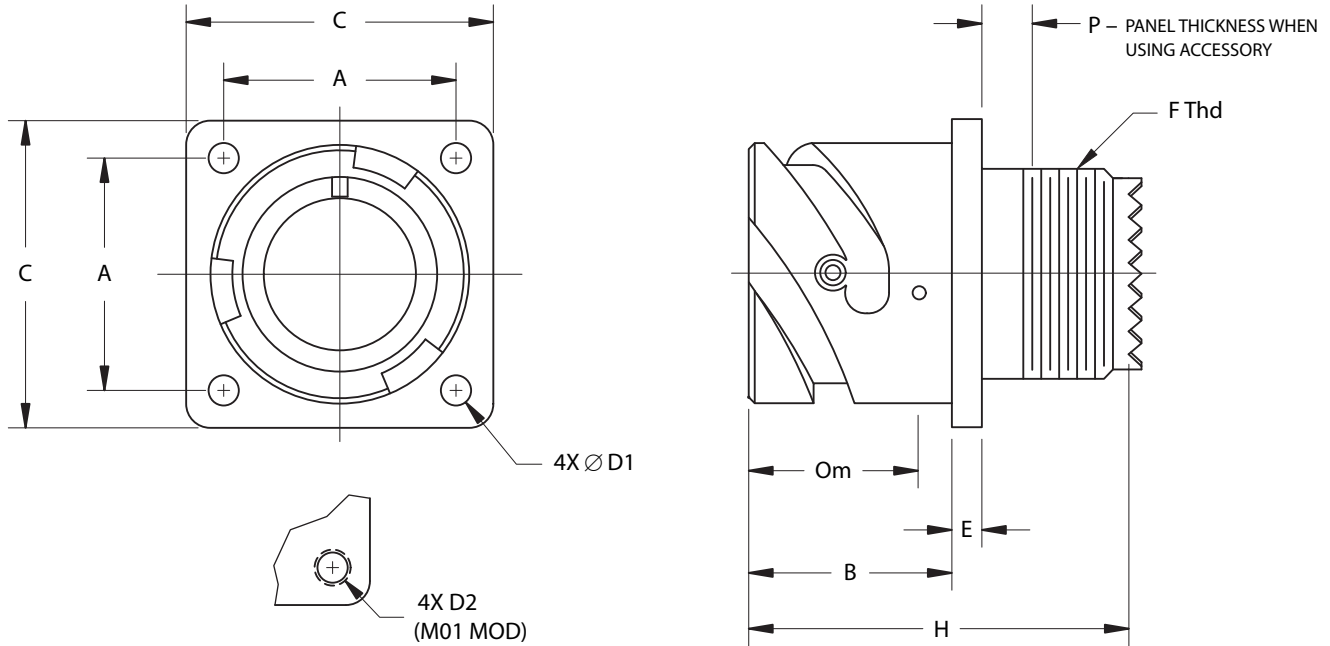
* To be used by designer only as a guide.

Contact Size	Current Rating	Contact Resistance*	Contact Retention – Axial Load			
	Ampere (max)	Voltage Drop Millivolts	Class D		All other classes	
			LBS.	NEWTONS	LBS.	NEWTONS
16/16S	13	45	50	222.4	25	112.2
12	23	38	50	222.4	30	133.4
8	46	24	80	355.84	50	222.4
4	80	21	100	444.8	60	266.9
0	150	19	100	444.8	75	333.6

* Contact resistance with silver plated wire @ 25°C.

J-Tech Part Number Development

J-Tech Prefix	JTCIR	W	F	06	R	24-	28	P	X	C	2	-MXXX
Connector Material / Finish – consult factory for more options												
W = aluminum / cadmium OD over electroless nickel												
M = aluminum / zinc cobalt OD over electroless nickel												
N = aluminum / zinc nickel clear over nickel sulfamate												
Y = aluminum / zinc cobalt black over nickel sulfamate												
2 = aluminum / electroless nickel												
3 = stainless steel / passivated												
5 = aluminum / hard anodized black												
Elastomer Type – consult factory for more options												
F = low smoke, flame retardant Neoprene (standard)												
H = halogen free												
Connector Type												
00* = front panel mounting												
01* = inline receptacle												
02R* = front panel mounting (no rear threads)												
02RF* = same as 02* but designed to mate with 06*GG												
030* = rear panel mounting												
06* = plug												
G06* = plug with RFI shielding on shell												
06*GG = plug with rubber covered coupling nut												
07R* = jam nut receptacle without rear threads												
070* = jam nut receptacle with rear threads												
Environmental Class												
A = non-environmental with threaded rear accessory backshell												
R = environmental with wire sealing grommet & threaded backshell												
ARV = non-environmental with rear accessory backshell												
RV = environmental with wire sealing grommet & backshell												
AF = same as A except with cable clamp												
F = environmental, same as R except with cable clamp												
AG = non-environmental w/o wire sealing grommet & w/ heat shrink tubing backshell												
G = environmental wire grommet & heat shrink tubing backshell												
AG2 = same as AG except backshell has spinning coupling nut												
G2 = same as G except backshell has spinning coupling nut												
CF = environmental w/out wire grommet with cable clamp and seal for use w/ jacketed cable												
CFZ = same as CF except with wire grommet												
LCF = environmental w/out grommet w/ cable clamp long backshell & seal for use w/ jacketed cable												
LCFZ = same as LCF except with wire sealing grommet												
Shell Size												
8S, 10SL, 12S, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36, 40, 44 & 48												
Insert Arrangement Layouts – see pages 24 to 49 for illustrations & codes												
Contact Type												
P = pin												
S = socket												
Insert Clocking Position – leave blank for normal position. See pages 23 to 30.												
Contact Termination Type												
C = crimp (F80)												
S = solder												
H = PC tail												
0 = contacts not supplied with connector												
Contact Plating												
2 = silver (standard)												
9 = gold												
Modification Codes – consult factory												

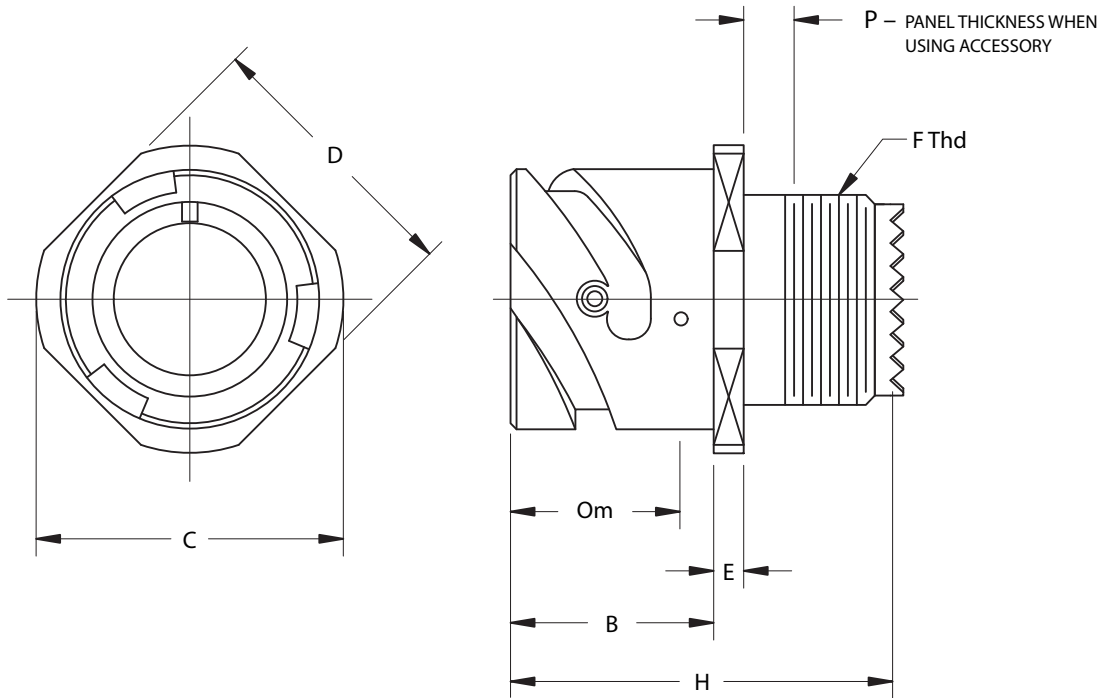


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Shell Size	A		B		C		Ø D1		D2	E		F	H		P	Om		
	±.004 inch	± 0.1 mm	Maximum inch	Maximum mm	Maximum inch	Maximum mm	+0.08 -0.00 inch	+0.20 -0.00 mm	Thread	Maximum inch	Maximum mm	Thread Ø Class 2A	Maximum inch	Maximum mm	Maximum inch	Maximum mm	Min Overlap Mated inch	Min Overlap Mated mm
10SL	0.717	18.20	0.693	17.60	1.012	25.70	0.126	3.20	M4	0.12	3.05	.625-24 UNEF	1.133	28.78	0.13	3.30	0.437	11.10
14S	0.906	23.00	0.709	18.00	1.193	30.30	0.126	3.20	M4	0.135	3.43	.750-20 UNEF	1.133	28.78	0.13	3.30	0.437	11.10
16S	0.969	24.60	0.709	18.00	1.291	32.80	0.126	3.20	M4	0.135	3.43	.875-20 UNEF	1.133	28.78	0.13	3.30	0.437	11.10
16	0.969	24.60	0.898	22.80	1.291	32.80	0.126	3.20	M4	0.135	3.43	.875-20 UNEF	1.798	45.67	0.13	3.30	0.624	15.85
18	1.063	27.00	0.929	23.60	1.39	35.30	0.126	3.20	M4	0.168	4.27	1.000-20 UNEF	1.798	45.67	0.13	3.30	0.624	15.85
20	1.157	29.40	0.929	23.60	1.508	38.30	0.126	3.20	M4	0.168	4.27	1.125-18 UNEF	2.026	51.46	0.13	3.30	0.624	15.85
22	1.252	31.80	0.929	23.60	1.626	41.30	0.126	3.20	M4	0.168	4.27	1.250-18 UNEF	2.026	51.46	0.13	3.30	0.62	15.75
24	1.374	34.90	0.992	25.20	1.764	44.80	0.146	3.70	M5	0.168	4.27	1.375-18 UNEF	2.026	51.46	0.13	3.30	0.62	15.75
28	1.563	39.70	0.992	25.20	2.012	51.10	0.146	3.70	M5	0.168	4.27	1.625-18 UNEF	1.801	45.75	0.13	3.30	0.62	15.75
32	1.752	44.50	1.055	26.80	2.256	57.30	0.169	4.30	M5	0.168	4.27	1.875-16 UN	2.026	51.46	0.13	3.30	0.62	15.75
36	1.937	49.20	1.055	26.80	2.512	63.80	0.169	4.30	M5	0.168	4.27	2.0625-16 UN	2.026	51.46	0.13	3.30	0.62	15.75
40	2.185	55.50	1.055	26.80	2.764	70.20	0.169	4.30	M5	0.168	4.27	2.3125-16 UNS	2.026	51.46	0.13	3.30	0.62	15.75

Dimensions are for reference only. Consult factory.

JTCIR01*
Cable Mounted Receptacle
Front Panel Mounting



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Shell Size	B		C		D		E		F	H		P		Om	
	inch	mm	inch	mm	inch	mm	inch	mm	Thread Ø Class 2A	inch	mm	inch	mm	inch	mm
10SL	0.693	17.60	0.992	25.20	0.819	20.80	0.12	3.05	.625-24 UNEF	1.133	28.78	0.13	3.30	0.437	11.10
14S	0.709	18.00	1.173	29.80	1.008	25.60	0.135	3.43	.750-20 UNEF	1.133	28.78	0.13	3.30	0.437	11.10
16S	0.709	18.00	1.272	32.30	1.134	28.80	0.135	3.43	.875-20 UNEF	1.133	28.78	0.13	3.30	0.437	11.10
16	0.898	22.80	1.272	32.30	1.134	28.80	0.135	3.43	.875-20 UNEF	1.798	45.67	0.13	3.30	0.624	15.85
18	0.929	23.60	1.39	35.30	1.256	31.90	0.168	4.27	1.000-20 UNEF	1.798	45.67	0.13	3.30	0.624	15.85
20	0.929	23.60	1.488	37.80	1.382	35.10	0.168	4.27	1.125-18 UNEF	2.026	51.46	0.13	3.30	0.624	15.85
22	0.929	23.60	1.618	41.10	1.508	38.30	0.168	4.27	1.250-18 UNEF	2.026	51.46	0.13	3.30	0.62	15.75
24	0.992	25.20	1.756	44.60	1.634	41.50	0.168	4.27	1.375-18 UNEF	2.026	51.46	0.13	3.30	0.62	15.75
28	0.992	25.20	2.004	50.90	1.882	47.80	0.168	4.27	1.625-18 UNEF	1.801	45.75	0.13	3.30	0.62	15.75
32	1.055	26.80	2.248	57.10	2.134	54.20	0.168	4.27	1.875-16 UN	2.026	51.46	0.13	3.30	0.62	15.75
36	1.055	26.80	2.512	63.80	2.394	60.80	0.168	4.27	2.0625-16 UN	2.026	51.46	0.13	3.30	0.62	15.75
40	1.055	26.80	2.756	70.00	2.626	66.70	0.168	4.27	2.3125-16 UNS	2.026	51.46	0.13	3.30	0.62	15.75

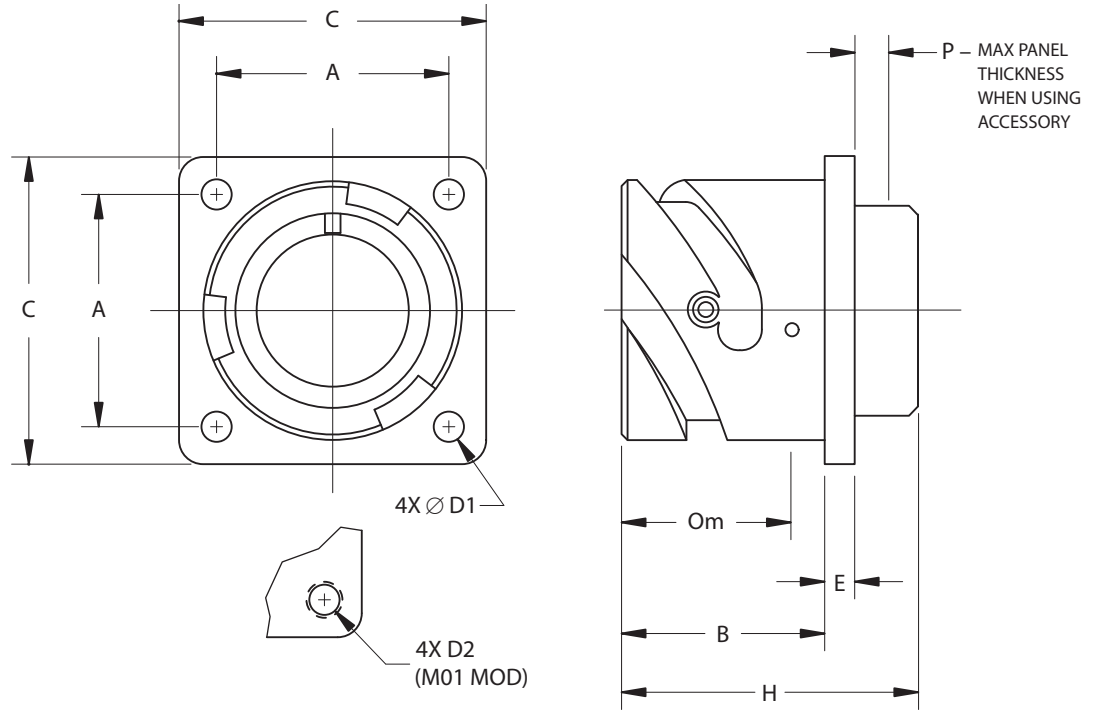
Dimensions are for reference only. Consult factory.



JTCIR02R*, JTCIR02RF* Receptacle For Front Panel Mounting

JTCIR02R:
ENVIRONMENT PROOF WHEN MOUNTED WITH PROPER PANEL SEALING GASKET.

JTCIR02RF:
SAME AS JTCIR02R EXCEPT: MOUNTING HOLES ARE COUNTERSUNK TO ALLOW MATING OF PLUGS WITH RUBBER COVERED COUPLING NUTS.



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Note: Maximum panel thickness shown is when using cap head screws. When using countersunk screws, maximum panel thickness = .300" 7.50mm.

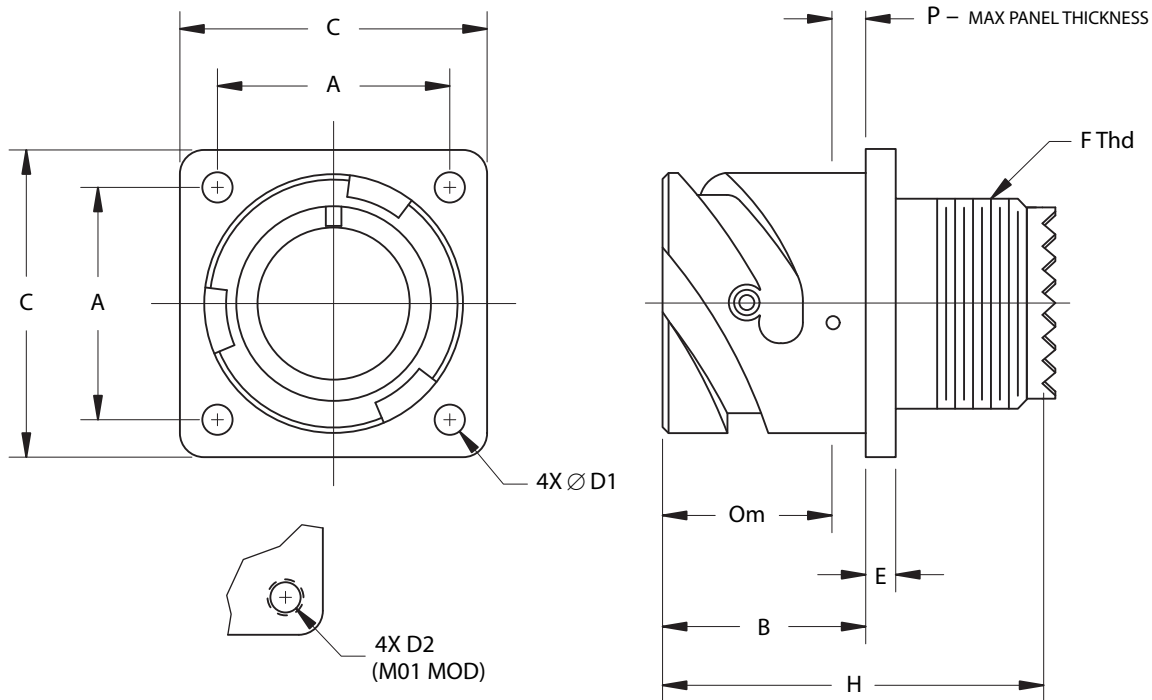
Shell Size	B		C		Ø D1		D2	E		H		P		Om	
	Maximum		Maximum		+0.08	+0.20	Thread	Maximum		Maximum		Maximum		Min Overlap Mated	
	inch	mm	inch	mm	-.000	-0.00		inch	mm	inch	mm	inch	mm	inch	mm
10SL	0.732	18.60	1.012	25.70	0.126	3.20	M4	0.12	3.05	1.26	32.00	0.13	3.30	0.437	11.10
14S	0.732	18.60	1.193	30.30	0.126	3.20	M4	0.135	3.43	1.26	32.00	0.13	3.30	0.437	11.10
16S	0.732	18.60	1.291	32.80	0.126	3.20	M4	0.135	3.43	1.26	32.00	0.13	3.30	0.437	11.10
16	0.925	23.50	1.291	32.80	0.126	3.20	M4	0.135	3.43	1.798	45.67	0.13	3.30	0.624	15.85
18	0.925	23.50	1.39	35.30	0.126	3.20	M4	0.168	4.27	1.798	45.67	0.13	3.30	0.624	15.85
20	0.925	23.50	1.508	38.30	0.126	3.20	M4	0.168	4.27	2.026	51.46	0.13	3.30	0.624	15.85
22	0.925	23.50	1.626	41.30	0.126	3.20	M4	0.168	4.27	2.026	51.46	0.13	3.30	0.62	15.75
24	0.925	23.50	1.764	44.80	0.146	3.70	M5	0.168	4.27	2.026	51.46	0.13	3.30	0.62	15.75
28	0.965	24.51	2.012	51.10	0.146	3.70	M5	0.168	4.27	1.801	45.75	0.13	3.30	0.62	15.75
32	0.965	24.51	2.256	57.30	0.169	4.30	M5	0.168	4.27	2.026	51.46	0.13	3.30	0.62	15.75
36	0.965	24.51	2.512	63.80	0.169	4.30	M5	0.168	4.27	2.026	51.46	0.13	3.30	0.62	15.75
40	0.965	24.51	2.764	70.20	0.169	4.30	M5	0.168	4.27	2.026	51.46	0.13	3.30	0.62	15.75

Dimensions are for reference only. Consult factory.

JTCIR030*

Square Flange Receptacle

Rear Panel Mounting



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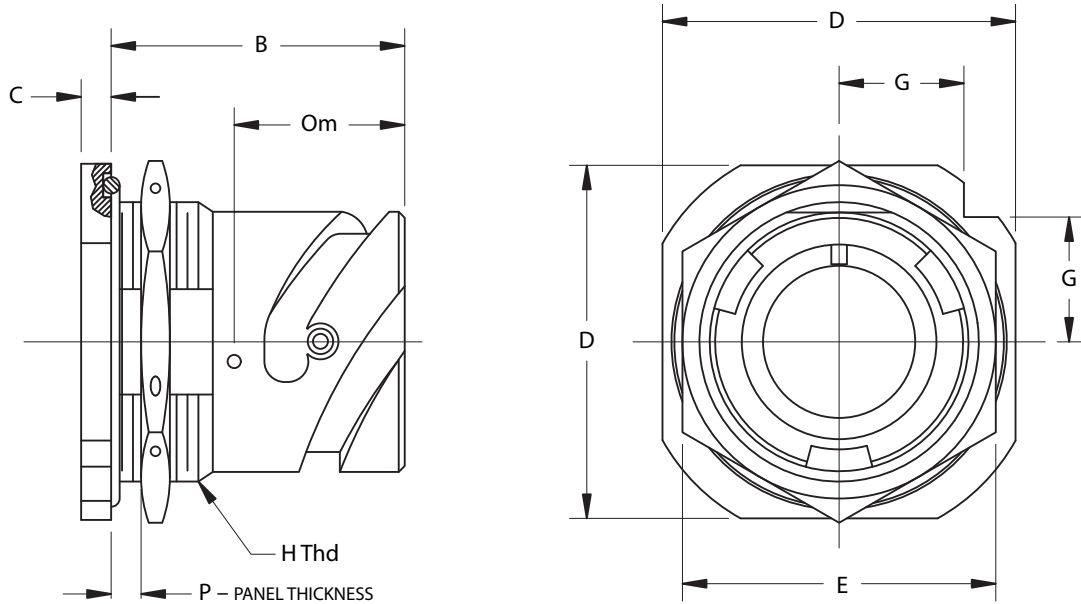
Note: Maximum panel thickness shown is when using cap head screws. When using countersunk screws, maximum panel thickness = .300" 7.50mm.

Shell Size	B		C		Ø D1		D2	E		F	H		P		Om	
	Maximum	Maximum	+0.008 -0.000		+0.20 -0.00		Thread	Maximum	Thread Ø	Thread Class	Maximum	Maximum	Min Overlap Mated			
	inch	mm	inch	mm	inch	mm		inch	mm	Class 2A	inch	mm	inch	mm	inch	mm
10SL	0.732	18.60	1.012	25.70	0.126	3.20	M4	0.12	3.05	.625-24 UNEF	1.26	32.00	0.13	3.30	0.437	11.10
14S	0.732	18.60	1.193	30.30	0.126	3.20	M4	0.135	3.43	.750-20 UNEF	1.26	32.00	0.13	3.30	0.437	11.10
16S	0.732	18.60	1.291	32.80	0.126	3.20	M4	0.135	3.43	.875-20 UNEF	1.26	32.00	0.13	3.30	0.437	11.10
16	0.925	23.50	1.291	32.80	0.126	3.20	M4	0.135	3.43	.875-20 UNEF	1.798	45.67	0.13	3.30	0.624	15.85
18	0.925	23.50	1.39	35.30	0.126	3.20	M4	0.168	4.27	1.000-20 UNEF	1.798	45.67	0.13	3.30	0.624	15.85
20	0.925	23.50	1.508	38.30	0.126	3.20	M4	0.168	4.27	1.125-18 UNEF	2.026	51.46	0.13	3.30	0.624	15.85
22	0.925	23.50	1.626	41.30	0.126	3.20	M4	0.168	4.27	1.250-18 UNEF	2.026	51.46	0.13	3.30	0.62	15.75
24	0.925	23.50	1.764	44.80	0.146	3.70	M5	0.168	4.27	1.375-18 UNEF	2.026	51.46	0.13	3.30	0.62	15.75
28	0.965	24.51	2.012	51.10	0.146	3.70	M5	0.168	4.27	1.625-18 UNEF	1.801	45.75	0.13	3.30	0.62	15.75
32	0.965	24.51	2.256	57.30	0.169	4.30	M5	0.168	4.27	1.875-18 UN	2.026	51.46	0.13	3.30	0.62	15.75
36	0.965	24.51	2.512	63.80	0.169	4.30	M5	0.168	4.27	2.0625-16 UN	2.026	51.46	0.13	3.30	0.62	15.75
40	0.965	24.51	2.764	70.20	0.169	4.30	M5	0.168	4.27	2.3125-16 UNS	2.026	51.46	0.13	3.30	0.62	15.75

Dimensions are for reference only. Consult factory.



*Environmental O-Ring Included, No Accessory Threads



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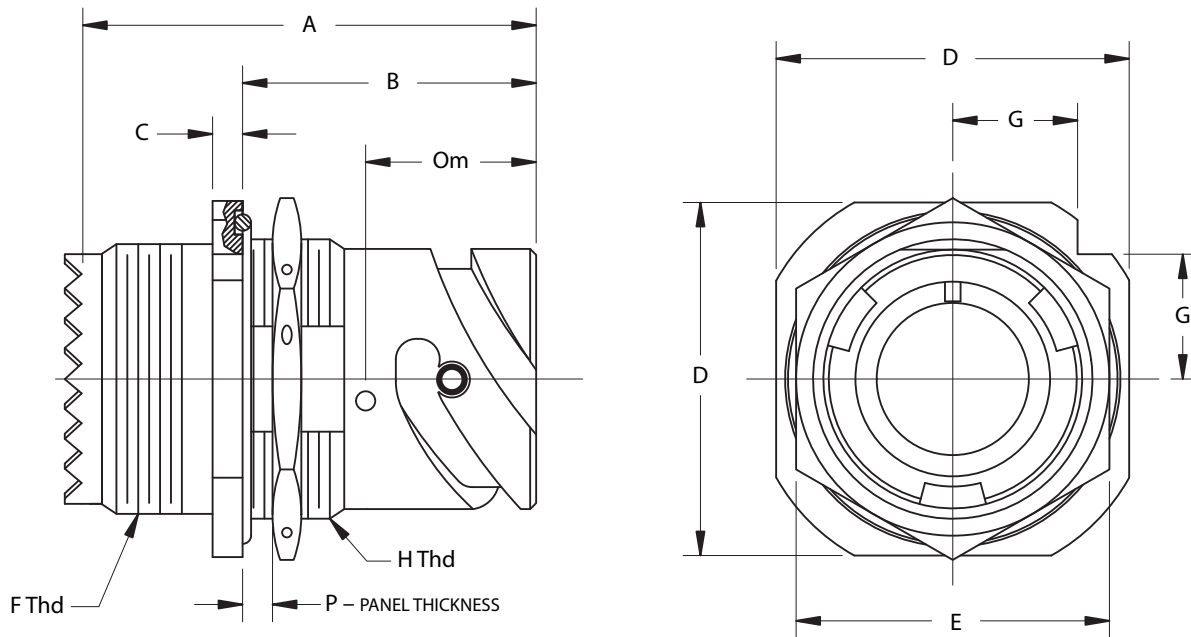
Shell Size	B		C		D		E		G		H	P		Om			
	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Thread Ø	Minimum	Maximum	Minimum	Maximum	Min Overlap Mated			
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	Class 2A	inch	mm	inch	mm		
10SL	0.97	24.64	0.17	4.32	1.262	32.05	1.063	27.00	0.452	11.48	.875-20 UNEF	0.094	2.40	0.205	5.20	0.437	11.10
14S	1.06	26.92	0.2	5.08	1.636	41.55	1.299	33.00	0.584	14.83	1.125-18 UNEF	0.094	2.40	0.295	7.50	0.437	11.10
16S	1.06	26.92	0.2	5.08	1.758	44.65	1.5	38.10	0.629	15.98	1.250-18 UNEF	0.094	2.40	0.295	7.50	0.437	11.10
16	1.269	32.23	0.2	5.08	1.758	44.65	1.5	38.10	0.629	15.98	1.250-18 UNEF	0.094	2.40	0.295	7.50	0.624	15.85
18	1.332	33.83	0.2	5.08	1.884	47.85	1.563	39.70	0.673	17.09	1.375-18 UNEF	0.094	2.40	0.354	9.00	0.624	15.85
20	1.332	33.83	0.2	5.08	2.034	51.05	1.732	44.00	0.717	18.21	1.500-18 UNEF	0.094	2.40	0.354	9.00	0.624	15.85
22	1.332	33.83	0.2	5.08	2.262	57.45	1.811	46.00	0.805	20.45	1.625-18 UNEF	0.094	2.40	0.358	9.10	0.62	15.75
24	1.332	33.83	0.2	5.08	2.262	57.45	2	50.80	0.805	20.45	1.750-18 UNEF	0.094	2.40	0.358	9.10	0.62	15.75
28	1.385	35.18	0.23	5.84	2.51	63.75	2.165	55.00	0.894	22.71	2.000-18 UNS	0.094	2.40	0.335	8.50	0.62	15.75
32	1.385	35.18	0.23	5.84	2.758	70.05	2.441	62.00	0.982	24.94	2.250-16 UN	0.094	2.40	0.335	8.50	0.62	15.75
36	1.385	35.18	0.23	5.84	3.01	76.45	2.795	71.00	1.071	27.20	2.500-16 UN	0.094	2.40	0.327	8.30	0.62	15.75
40	1.385	35.18	0.23	5.84	3.297	83.75	2.953	75.00	1.16	29.46	2.750-16 UN	0.094	2.40	0.327	8.30	0.62	15.75

Dimensions are for reference only. Consult factory.

JTCIR070*
Jam Nut Receptacle
Rear Panel Mounting



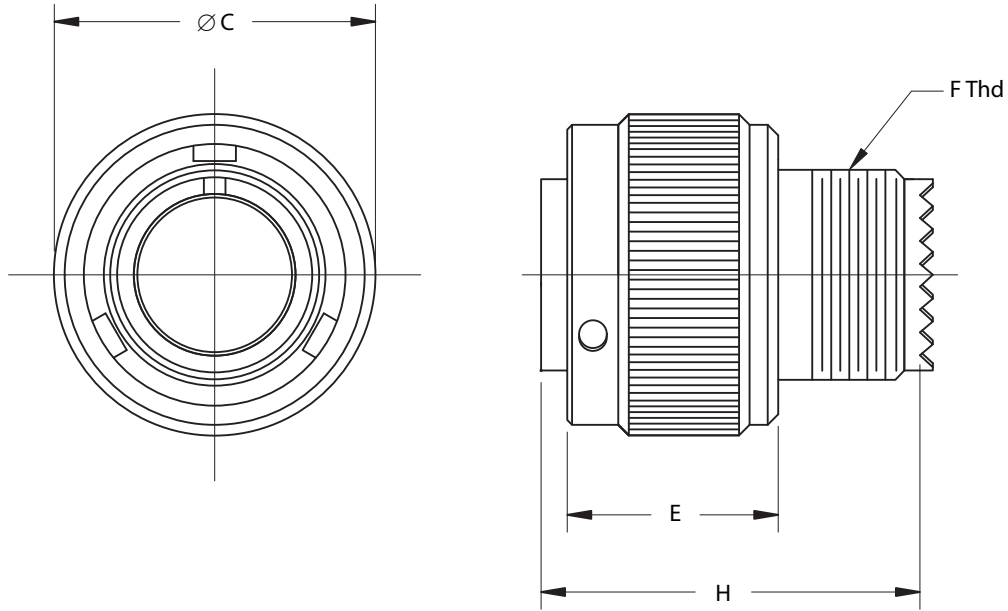
*Environmental O-ring Included, With Accessory Threads



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Shell Size	A		B		C		D		E		F	G		H		P		Om		
	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Thread Ø	Maximum	Thread Ø	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Min Overlap	Mated	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	Class 2A	inch	mm	Class 2A	inch	mm	inch	mm	inch	mm
10SL	1.435	36.45	0.97	24.64	0.17	4.32	1.262	32.05	1.063	27.00	.625-24 UNEF	0.452	11.48	.875-20 UNEF	0.094	2.40	0.205	5.20	0.437	11.10
14S	1.535	38.99	1.06	26.92	0.2	5.08	1.636	41.55	1.299	33.00	.750-20 UNEF	0.584	14.83	1.125-18 UNEF	0.094	2.40	0.295	7.50	0.437	11.10
16S	1.535	38.99	1.06	26.92	0.2	5.08	1.758	44.65	1.5	38.10	.875-20 UNEF	0.629	15.98	1.250-18 UNEF	0.094	2.40	0.295	7.50	0.437	11.10
16	1.915	48.64	1.269	32.23	0.2	5.08	1.758	44.65	1.5	38.10	.875-20 UNEF	0.629	15.98	1.250-18 UNEF	0.094	2.40	0.295	7.50	0.624	15.85
18	1.945	49.40	1.332	33.83	0.2	5.08	1.884	47.85	1.563	39.70	1.000-20 UNEF	0.673	17.09	1.375-18 UNEF	0.094	2.40	0.354	9.00	0.624	15.85
20	2.021	51.33	1.332	33.83	0.2	5.08	2.034	51.05	1.732	44.00	1.125-18 UNEF	0.717	18.21	1.500-18 UNEF	0.094	2.40	0.354	9.00	0.624	15.85
22	2.021	51.33	1.332	33.83	0.2	5.08	2.262	57.45	1.811	46.00	1.250-18 UNEF	0.805	20.45	1.625-18 UNEF	0.094	2.40	0.358	9.10	0.62	15.75
24	2.021	51.33	1.332	33.83	0.2	5.08	2.262	57.45	2	50.80	1.375-18 UNEF	0.805	20.45	1.750-18 UNEF	0.094	2.40	0.358	9.10	0.62	15.75
28	2.045	51.94	1.385	35.18	0.23	5.84	2.51	63.75	2.165	55.00	1.625-18 UNEF	0.894	22.71	2.000-18 UNS	0.094	2.40	0.335	8.50	0.62	15.75
32	2.045	51.94	1.385	35.18	0.23	5.84	2.758	70.05	2.441	62.00	1.875-16 UN	0.982	24.94	2.250-16 UN	0.094	2.40	0.335	8.50	0.62	15.75
36	2.045	51.94	1.385	35.18	0.23	5.84	3.01	76.45	2.795	71.00	2.0625-16 UN	1.071	27.20	2.500-16 UN	0.094	2.40	0.327	8.30	0.62	15.75
40	2.045	51.94	1.385	35.18	0.23	5.84	3.297	83.75	2.953	75.00	2.3125-16 UNS	1.16	29.46	2.750-16 UN	0.094	2.40	0.327	8.30	0.62	15.75

Dimensions are for reference only. Consult factory.



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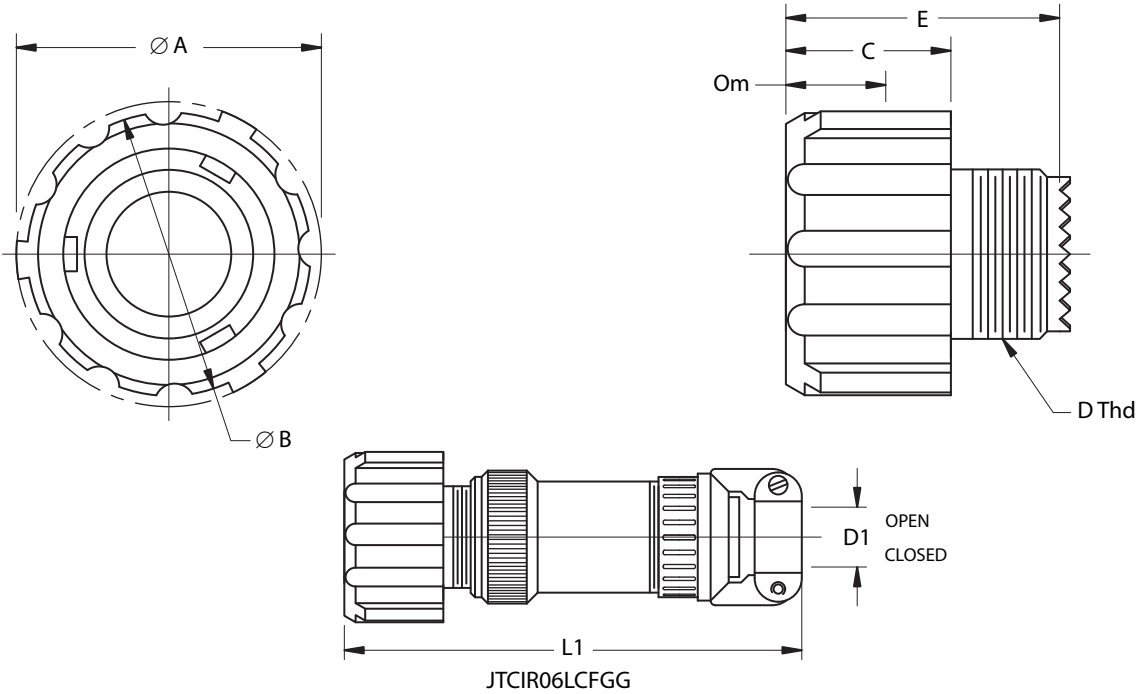
Shell Size	Ø C		E		F	H	
	Maximum		Reference		Thread Ø	Maximum	
	inch	mm	inch	mm	Class 2A	inch	mm
10SL	0.988	25.10	0.701	17.81	.625-24 UNEF	1.26	32.00
14S	1.237	31.42	0.721	18.31	.750-20 UNEF	1.26	32.00
16S	1.348	34.24	0.721	18.31	.875-20 UNEF	1.26	32.00
16	1.39	35.31	0.914	23.22	.875-20 UNEF	1.798	45.67
18	1.542	39.17	0.933	23.70	1.000-20 UNEF	1.798	45.67
20	1.676	42.57	0.933	23.70	1.125-18 UNEF	2.026	51.46
22	1.802	45.77	0.933	23.70	1.250-18 UNEF	2.026	51.46
24	1.935	49.15	0.943	23.95	1.375-18 UNEF	2.026	51.46
28	2.173	55.19	0.943	23.95	1.625-18 UNEF	1.801	45.75
32	2.437	61.90	0.943	23.95	1.875-16 UN	2.026	51.46
36	2.681	68.10	0.953	24.21	2.0625-16 UN	2.026	51.46
40	2.914	74.02	0.953	24.21	2.3125-16 UNS	2.026	51.46

Dimensions are for reference only. Consult factory.

JTCIR06*GG (mates to JTCIR02RF)

Plug

Rubber Covered Coupling Nut



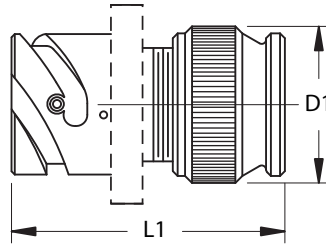
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Shell Size	Ø A		Ø B		C		D	E		Om		L1		D1			
	Maximum	Maximum	Maximum	Maximum	Maximum	Thread Ø	Maximum	Maximum	Min Overlap Mated	Approximate	Open	Closed	Open	Closed			
	inch	mm	inch	mm	inch	mm	Class 2A	inch	mm	inch	mm	inch	mm	inch	mm		
10SL	1.319	33.50	1.122	28.50	0.764	19.40	.625-24 UNEF	1.26	32.00	0.516	13.10	4.04	19.40	0.312	7.93	0.094	2.38
14S	1.583	40.20	1.386	35.20	0.764	19.40	.750-20 UNEF	1.26	32.00	0.516	13.10	–	–	0.438	11.12	0.23	5.84
16S	1.726	43.88	1.531	38.90	0.764	19.40	.875-20 UNEF	1.26	32.00	0.516	13.10	–	–	0.531	13.48	0.315	8.00
16	1.726	43.88	1.531	38.90	1.067	27.10	.875-20 UNEF	1.798	45.67	0.703	17.85	–	–	0.531	13.48	0.315	8.00
18	1.929	49.00	1.713	43.50	1.067	27.10	1.000-20 UNEF	1.798	45.67	0.703	17.85	4.63	117.50	0.625	15.87	0.378	9.60
20	2.026	51.50	1.811	46.00	1.067	27.10	1.125-18 UNEF	2.026	51.46	0.703	17.85	4.63	117.50	0.748	19.00	0.445	11.30
22	2.205	56.00	1.988	50.50	1.067	27.10	1.250-18 UNEF	2.026	51.46	0.703	17.85	4.62	117.60	0.748	19.00	0.445	11.30
24	2.362	60.00	2.126	54.00	1.067	27.10	1.375-18 UNEF	2.026	51.46	0.669	17.75	4.78	121.40	0.937	23.80	0.61	15.50
28	2.638	67.00	2.402	61.00	1.067	27.10	1.625-18 UNEF	1.801	45.75	0.669	17.75	4.98	126.40	0.937	23.80	0.61	15.50
32	2.992	76.00	2.661	67.60	1.067	27.10	1.875-16 UN	2.026	51.46	0.669	17.75	4.94	125.60	1.25	31.75	0.921	23.40
36	3.24	82.30	2.925	74.30	1.067	27.10	2.0625-16 UN	2.026	51.46	0.669	17.75	5.22	132.70	1.378	35.00	0.921	23.40
40	3.465	88.00	3.15	80.00	1.067	27.10	2.3125-16 UNS	2.026	51.46	0.669	17.75	5.05	128.40	1.624	41.25	1.177	29.90

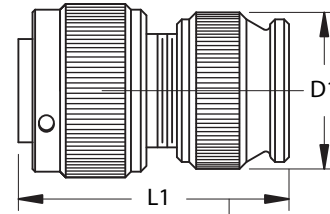
Dimensions are for reference only. Consult factory.

ARV CLASS: NON-ENVIRONMENTAL, SHORT BACKSHELL WITHOUT CAPACITY FOR OTHER ACCESSORIES

RV CLASS: ENVIRONMENTAL, SHORT BACKSHELL AND WIRE SEALING GROMMET W/ COMPRESSION RING



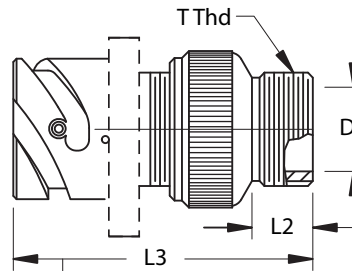
JTCIR00/01/030/070 ARV & RV CLASS



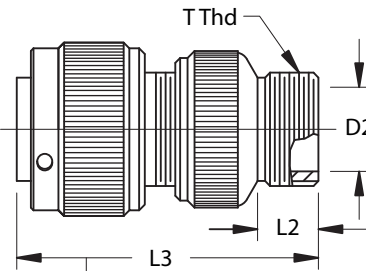
JTCIR06 ARV & RV CLASS

A CLASS: NON-ENVIRONMENTAL, SHORT BACKSHELL WITHOUT ANY OTHER ACCESSORIES

R CLASS: ENVIRONMENTAL, SHORT BACKSHELL AND WIRE SEALING GROMMET W/ COMPRESSION RING



JTCIR00/01/030/070 A & R



JTCIR06 A & R CLASS

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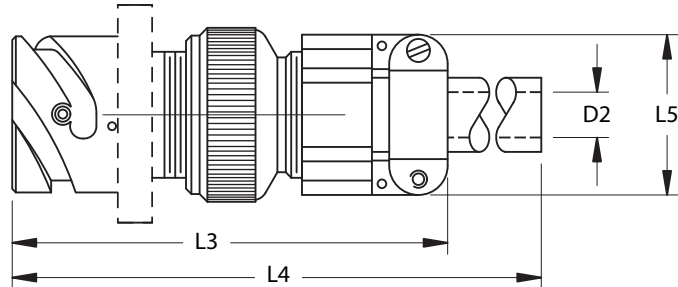
Note: Dimension “L” will vary for escalating or de-escalating backshells and certain insert arrangements. Consult factory.

Shell Size	D1		D2		T	L1		L1		L1		L2		L3		L3		L3	
	Maximum		Maximum		Thread Ø	00/01 Maximum		030 / 060 Maximum		070 Maximum		Maximum		00/01 Maximum		030 / 060 Maximum		070 Maximum	
	inch	mm	inch	mm	Class 2A	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
10SL	0.79	18.60	1.012	25.70	.625-24 UNEF	1.59	40.39	1.76	44.70	2.15	54.61	0.334	8.48	1.67	42.42	1.84	46.74	2.22	56.39
14S	0.732	18.60	1.193	30.30	.750-20 UNEF	1.46	37.08	1.63	41.40	2.23	56.64	0.347	8.81	1.7	43.18	1.87	47.50	2.5	63.50
16S	0.732	18.60	1.291	32.80	.875-20 UNEF	1.46	37.08	1.63	41.40	2.23	56.64	0.347	8.81	1.7	43.18	1.87	47.50	2.5	63.50
16	0.925	23.50	1.291	32.80	.875-20 UNEF	2.39	60.71	2.38	60.45	2.55	64.77	0.393	9.98	2.43	61.72	2.43	61.72	2.57	65.28
18	0.925	23.50	1.39	35.30	1.000-20 UNEF	2.43	61.72	2.42	61.47	2.59	65.79	0.421	10.69	2.47	62.74	2.47	62.74	2.63	66.80
20	0.925	23.50	1.508	38.30	1.125-18 UNEF	2.7	68.58	2.7	68.58	2.7	68.58	0.421	10.69	2.7	68.58	2.7	68.58	2.7	68.58
22	0.925	23.50	1.626	41.30	1.250-18 UNEF	2.66	67.56	2.66	67.56	2.7	68.58	0.421	10.69	2.7	68.58	2.7	68.58	2.7	68.58
24	0.925	23.50	1.764	44.80	1.375-18 UNEF	2.66	67.56	2.66	67.56	2.7	68.58	0.421	10.69	2.7	68.58	2.7	68.58	2.71	68.83
28	0.965	24.51	2.012	51.10	1.625-18 UNEF	2.27	57.66	2.27	57.66	2.52	64.01	0.505	12.83	2.55	64.77	2.55	64.77	2.8	71.12
32	0.965	24.51	2.256	57.30	1.875-18 UN	2.38	60.45	2.38	60.45	2.4	60.96	0.505	12.83	2.77	70.36	2.77	70.36	2.8	71.12
36	0.965	24.51	2.512	63.80	2.0625-16 UN	2.38	60.45	2.38	60.45	2.4	60.96	0.505	12.83	2.77	70.36	2.77	70.36	2.8	71.12
40	0.965	24.51	2.764	70.20	2.3125-16 UNS	2.38	60.45	2.38	60.45	2.4	60.96	0.505	12.83	2.77	70.36	2.77	70.36	2.8	71.12

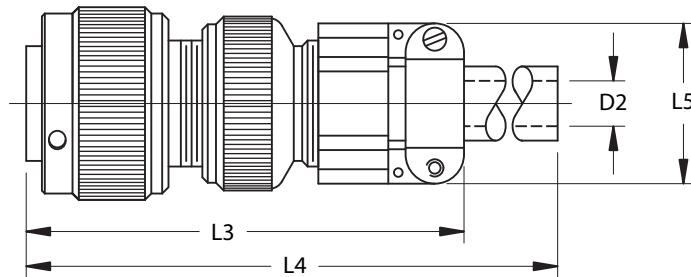
Dimensions are for reference only. Consult factory.

AF CLASS: NON-ENVIRONMENTAL, SHORT BACKSHELL WITH A STYLE CLAMP AND BUSHING.

F CLASS: ENVIRONMENTAL, SHORT BACKSHELL WITH A STYLE CLAMP BUSHING AND WIRESEALING GROMMET W/ COMPRESSION RING



JTCIR00AF / 00F



JTCIR06AF / 06F

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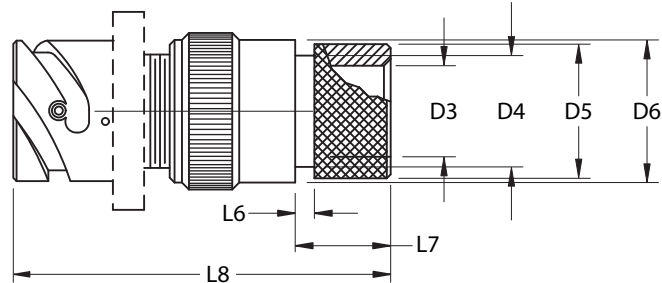
Note: Dimension “L” will vary for escalating or de-escalating backshells and certain insert arrangements. Consult factory.

Shell Size	D2		L5		L3		L3		L3		L4		L4		L4	
	Maximum		Maximum		00/01 Approximate		030 / 060 Approximate		070 Approximate		00/01 Maximum		030 / 060 Maximum		070 Maximum	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
10SL	0.22	5.59	0.89	22.61	2.279	57.89	2.406	61.11	2.581	65.56	4.639	117.83	4.766	121.06	4.941	125.50
14S	0.31	7.87	1.08	27.43	2.529	64.24	2.656	67.46	2.931	74.45	4.809	122.15	4.936	125.37	5.211	132.36
16S	0.44	11.18	1.18	29.97	2.599	66.01	2.726	69.24	3.001	76.23	4.559	115.80	4.686	119.02	4.961	126.01
16	0.44	11.18	1.18	29.97	3.175	80.64	3.175	80.64	3.292	83.62	5.335	135.51	5.335	135.51	5.452	138.48
18	0.56	14.22	1.3	33.02	3.225	81.92	3.225	81.92	3.372	85.65	5.115	129.92	5.115	129.92	5.262	133.65
20	0.63	16.00	1.48	37.59	3.453	87.71	3.453	87.71	3.448	87.58	5.343	135.71	5.343	135.71	5.338	135.59
22	0.63	16.00	1.48	37.59	3.493	88.72	3.493	88.72	3.488	88.60	5.383	136.73	5.383	136.73	5.378	136.60
24	0.75	19.05	1.71	43.43	3.528	89.61	3.528	89.61	3.523	89.48	5.098	129.49	5.098	129.49	5.093	129.36
28	0.75	19.05	1.71	43.43	3.533	89.74	3.533	89.74	3.777	95.94	5.103	129.62	5.103	129.62	5.347	135.81
32	0.94	23.88	2.04	51.82	3.895	98.93	3.895	98.93	3.914	99.42	5.465	138.81	5.465	138.81	5.484	139.29
36	1.25	31.75	2.28	57.91	3.955	100.46	3.955	100.46	3.974	100.94	5.135	130.43	5.135	130.43	5.154	130.91
40	1.38	35.05	2.58	65.53	5.095	129.41	5.095	129.41	5.114	129.90	5.685	144.40	5.685	144.40	5.704	144.88

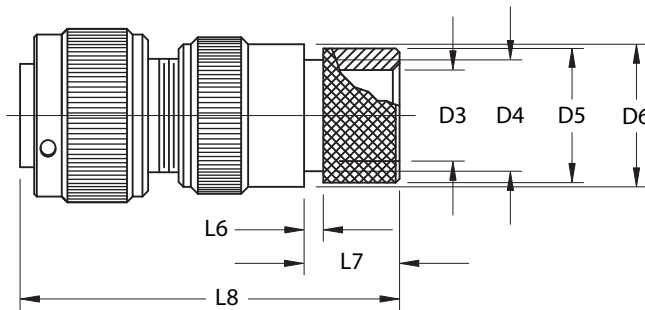
Dimensions are for reference only. Consult factory.

G CLASS: ENVIRONMENTAL BACKSHELL
WITH WIRE SEALING GROMMET
AND COMPRESSION RING FOR
USE WITH HEAT-SHRINK TUBING

AG CLASS: NON-ENVIRONMENTAL BACKSHELL
WITHOUT WIRE SEALING GROMMET
AND COMPRESSION RING FOR
USE WITH HEAT-SHRINK TUBING



JTCIR00/01/030/070 G & AG



JTCIR06 G & AG

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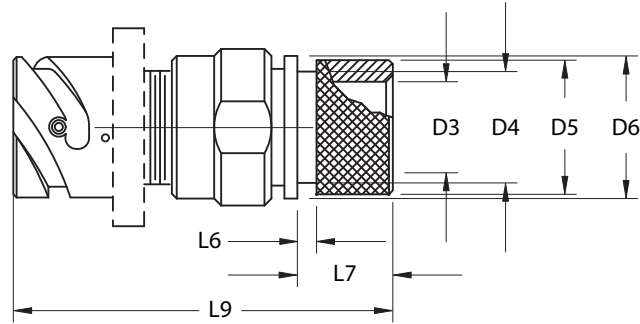
Note: Dimension “L” will vary for escalating or de-escalating backshells and certain insert arrangements. Consult factory.

Shell Size	D3		D4		D5		D6		L6		L7		L8		L8		L8	
	±.004 inch	±0.1 mm	Maximum inch	Maximum mm	±.008 inch	±0.2 mm	±.008 inch	±0.2 mm	±.008 inch	±0.2 mm	±.008 inch	±0.2 mm	00/01 Approximate inch	00/01 Approximate mm	030 / 060 Approximate inch	030 / 060 Approximate mm	070 Approximate inch	070 Approximate mm
10SL	0.339	8.61	0.52	13.21	0.61	15.49	0.669	16.99	0.138	3.51	0.461	11.71	1.909	48.49	2.036	51.71	2.211	56.16
14S	0.441	11.20	0.66	16.76	0.752	19.10	0.791	20.09	0.138	3.51	0.461	11.71	1.929	48.00	2.056	52.22	2.331	59.21
16S	0.551	13.00	0.86	21.84	0.941	23.90	0.925	23.50	0.138	3.51	0.461	11.71	1.929	48.00	2.056	52.22	2.331	59.21
16	0.551	13.00	0.86	21.84	0.941	23.90	0.925	23.50	0.138	3.51	0.453	11.51	2.675	67.94	2.675	67.94	2.792	70.92
18	0.646	16.41	0.86	21.84	0.941	23.90	1.043	26.49	0.138	3.51	0.453	11.51	2.725	69.22	2.725	69.22	2.872	72.95
20	0.76	19.30	1.03	26.16	1.165	29.59	1.189	30.20	0.138	3.51	0.488	12.40	3.033	77.04	3.033	77.04	3.028	76.91
22	0.866	21.00	1.03	26.16	1.165	29.59	1.323	33.60	0.138	3.51	0.488	12.40	3.073	78.05	3.073	78.05	3.068	77.93
24	0.984	24.99	1.35	34.29	1.488	37.80	1.421	36.09	0.138	3.51	0.5	12.70	3.058	77.67	3.058	77.67	3.053	77.55
28	1.102	27.99	1.35	34.29	1.488	37.80	1.63	41.40	0.138	3.51	0.5	12.70	2.833	71.96	2.833	71.96	3.077	78.16
32	1.37	34.80	1.71	43.43	1.882	47.80	1.913	48.59	0.138	3.51	0.598	15.19	3.175	80.64	3.175	80.64	3.194	81.13
36	1.524	38.71	1.71	43.43	1.882	47.80	2.157	54.79	0.138	3.51	0.598	15.19	3.265	82.93	3.265	82.93	3.284	83.41
40	1.898	48.21	2.07	52.58	2.276	57.81	2.402	61.01	0.138	3.51	0.61	15.49	3.335	84.71	3.335	84.71	3.354	85.19

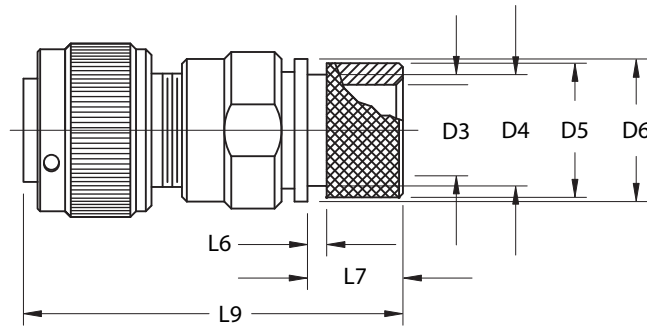
Dimensions are for reference only. Consult factory.

G2 CLASS: ENVIRONMENTAL 2-PIECE SWIVEL BACKSHELL WITH WIRE SEALING GROMMET AND COMPRESSION RING FOR USE WITH HEAT-SHRINK TUBING

AG2 CLASS: NON-ENVIRONMENTAL 2-PIECE SWIVEL BACKSHELL WITHOUT WIRE SEALING GROMMET AND COMPRESSION RING FOR USE WITH HEAT-SHRINK TUBING



JTCIRO0/01/030/070 G2 & AG2



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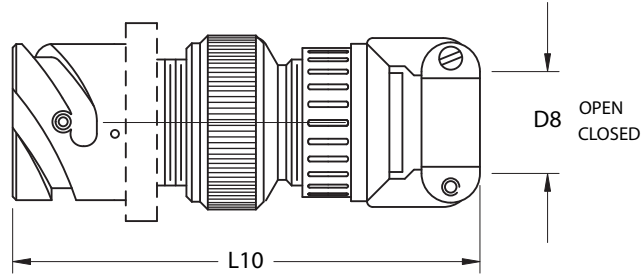
Note: Dimension “L” will vary for escalating or de-escalating backshells and certain insert arrangements. Consult factory.

Shell Size	D3		D4		D5		D6		L6		L7		L8		L8		L8	
	±.004	±0.1	Maximum		±.008	±0.2	±.008	±0.2	±.008	±0.2	±.008	±0.2	00/01		030 / 060		070	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
10SL	0.339	8.61	0.52	13.21	0.61	15.49	0.669	16.99	0.138	3.51	0.461	11.71	2.079	52.81	2.206	56.03	2.381	60.48
14S	0.441	11.20	0.66	16.76	0.752	19.10	0.791	20.09	0.138	3.51	0.461	11.71	2.079	52.81	2.206	56.03	2.481	63.02
16S	0.551	13.00	0.86	21.84	0.941	23.90	0.925	23.50	0.138	3.51	0.461	11.71	2.109	53.57	2.236	56.79	2.511	63.78
16	0.551	13.00	0.86	21.84	0.941	23.90	0.925	23.50	0.138	3.51	0.453	11.51	2.775	70.49	2.775	70.49	2.892	73.46
18	0.646	16.41	0.86	21.84	0.941	23.90	1.043	26.49	0.138	3.51	0.453	11.51	2.755	69.98	2.755	69.98	2.902	73.71
20	0.76	19.30	1.03	26.16	1.165	29.59	1.189	30.20	0.138	3.51	0.488	12.40	3.013	76.53	3.013	76.53	3.008	76.40
22	0.866	21.00	1.03	26.16	1.165	29.59	1.323	33.60	0.138	3.51	0.488	12.40	3.013	76.53	3.013	76.53	3.008	76.40
24	0.984	24.99	1.35	34.29	1.488	37.80	1.421	36.09	0.138	3.51	0.5	12.70	3.048	77.42	3.048	77.42	3.043	77.29
28	1.102	27.99	1.35	34.29	1.488	37.80	1.63	41.40	0.138	3.51	0.5	12.70	2.893	73.48	2.893	73.48	3.137	79.68
32	1.37	34.80	1.71	43.43	1.882	47.80	1.913	48.59	0.138	3.51	0.598	15.19	3.145	79.88	3.145	79.88	3.164	80.37
36	1.524	38.71	1.71	43.43	1.882	47.80	2.157	54.79	0.138	3.51	0.598	15.19	3.145	79.88	3.145	79.88	3.164	80.37
40	1.898	48.21	2.07	52.58	2.276	57.81	2.402	61.01	0.138	3.51	0.61	15.49	3.155	80.14	3.155	80.14	3.174	80.62

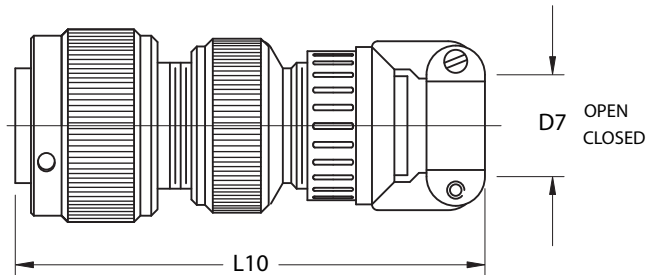
Dimensions are for reference only. Consult factory.

CF CLASS: ENVIRONMENTAL WITHOUT WIRE SEALING GROMMET. INCLUDES CLAMP TO SEAL AND GRIP JACKETED CABLE.

CFZ CLASS: ENVIRONMENTAL WITH WIRE SEALING GROMMET AND COMPRESSION RING. INCLUDES CLAMP TO SEAL AND GRIP JACKETED CABLE.



JTCIR00/01/030/070 CF & CFZ



JTCIR06 CF & CFZ

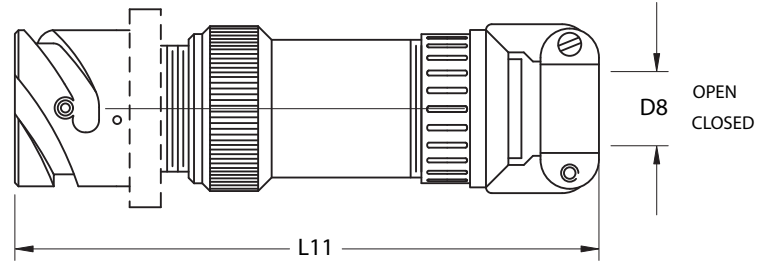
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Note: Dimension “L” will vary for escalating or de-escalating backshells and certain insert arrangements. Consult factory.

Shell Size	D7		D8		L10		L10		L10					
	Open Maximum	Closed Maximum	Open Maximum	Closed Maximum	00/01 Maximum	030 / 060 Maximum	070 Maximum							
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm				
10SL	0.312	7.92	0.094	2.39	0.312	7.92	0.094	2.39	2.739	69.57	2.866	72.80	3.041	77.24
14S	0.438	11.13	0.23	5.84	0.438	11.13	0.23	5.84	2.929	74.40	3.056	77.62	3.331	84.61
16S	0.531	13.49	0.315	8.00	0.531	13.49	0.315	8.00	2.929	74.40	3.056	77.62	3.331	84.61
16	0.531	13.49	0.315	8.00	0.531	13.49	0.315	8.00	3.505	89.03	3.505	89.03	3.622	91.00
18	0.625	15.88	0.378	9.60	0.625	15.88	0.378	9.60	3.535	89.79	3.535	89.79	3.682	93.52
20	0.748	18.00	0.445	11.30	0.748	18.00	0.445	11.30	3.773	95.83	3.773	95.83	3.768	95.71
22	0.748	18.00	0.445	11.30	0.748	18.00	0.445	11.30	3.913	99.39	3.913	99.39	3.908	99.26
24	0.937	23.80	0.61	15.49	0.937	23.80	0.61	15.49	3.978	101.04	3.978	101.04	3.973	100.91
28	0.937	23.80	0.61	15.49	0.937	23.80	0.61	15.49	3.983	101.17	3.983	101.17	4.227	107.37
32	1.25	31.75	0.921	23.39	1.25	31.75	0.921	23.39	4.535	115.19	4.535	115.19	4.554	115.67
36	1.378	35.00	0.921	23.39	1.378	35.00	0.921	23.39	4.725	120.01	4.725	120.01	4.744	120.50
40	1.624	41.25	1.177	29.90	1.624	41.25	1.177	29.90	5.335	135.51	5.335	135.51	5.354	135.99

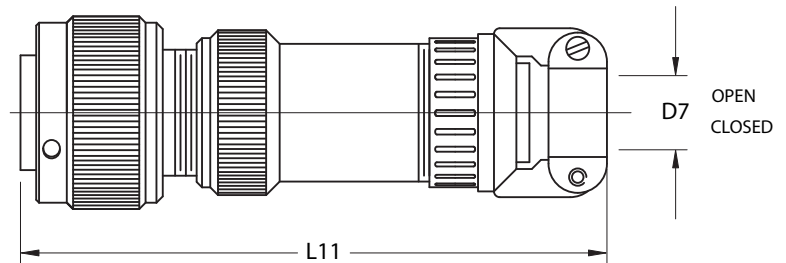
Dimensions are for reference only. Consult factory.

LCF CLASS: ENVIRONMENTAL WITHOUT WIRE
SEALING GROMMET. LONG BACKSHELL
FOR EXTENDED LENGTH. INCLUDES CLAMP
TO SEAL AND GRIP JACKETED CABLE.



JTCIR00/01/030/070 LCF & LCFZ

LCFZ CLASS: ENVIRONMENTAL WITH WIRE
SEALING GROMMET AND COMPRESSION
RING. LONG BACKSHELL FOR EXTENDED
LENGTH. INCLUDES CLAMP TO SEAL
AND GRIP JACKETED CABLE.



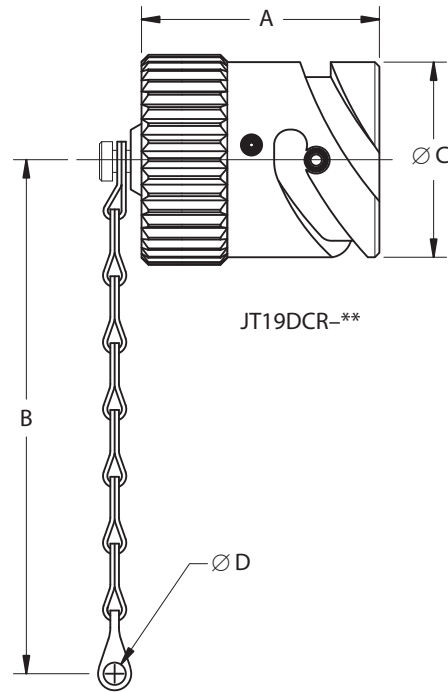
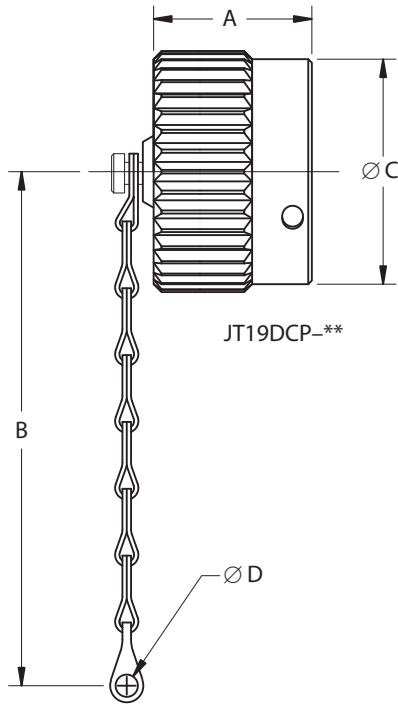
JTCIR06 LCF & LCFZ

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Note: Dimension “L” will vary for escalating or de-escalating backshells and certain insert arrangements. Consult factory.

Shell Size	D7		D8		L11		L11		L11					
	Open Maximum		Closed Maximum		Open Maximum		Closed Maximum		00/01 Maximum		030 / 060 Maximum		070 Maximum	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
10SL	0.312	7.92	0.094	2.39	0.312	7.92	0.094	2.39	3.839	97.51	3.966	100.74	4.141	105.18
14S	0.438	11.13	0.23	5.84	0.438	11.13	0.23	5.84	3.869	98.27	3.996	101.50	4.271	108.48
16S	0.531	13.49	0.315	8.00	0.531	13.49	0.315	8.00	3.869	98.27	3.996	101.50	4.271	108.48
16	0.531	13.49	0.315	8.00	0.531	13.49	0.315	8.00	4.535	115.19	4.535	115.19	4.652	118.16
18	0.625	15.88	0.378	9.60	0.625	15.88	0.378	9.60	4.735	120.27	4.735	120.27	4.882	124.00
20	0.748	18.00	0.445	11.30	0.748	18.00	0.445	11.30	4.963	126.06	4.963	126.06	4.958	125.93
22	0.748	18.00	0.445	11.30	0.748	18.00	0.445	11.30	4.963	126.06	4.963	126.06	4.958	125.93
24	0.937	23.80	0.61	15.49	0.937	23.80	0.61	15.49	5.038	127.97	5.038	127.97	5.033	127.84
28	0.937	23.80	0.61	15.49	0.937	23.80	0.61	15.49	5.013	127.33	5.013	127.33	5.257	133.53
32	1.25	31.75	0.921	23.39	1.25	31.75	0.921	23.39	5.485	139.32	5.485	139.32	5.504	139.80
36	1.378	35.00	0.921	23.39	1.378	35.00	0.921	23.39	5.665	143.89	5.665	143.89	5.684	144.37
40	1.624	41.25	1.177	29.90	1.624	41.25	1.177	29.90	5.665	143.89	5.665	143.89	5.684	144.37

Dimensions are for reference only. Consult factory.



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JT19DCP- (Dust cap for Receptacle)**

Shell Size	A		B		Ø C		Ø D	
	Maximum		Reference		Maximum		+0.020	+0.50
	inch	mm	inch	mm	inch	mm	-.010	-.25
10SL	0.65	16.51	5	127.00	0.906	23.01	0.173	4.39
14S	0.65	16.51	5	127.00	1.181	29.00	0.173	4.39
16S	0.65	16.51	5	127.00	1.28	32.51	0.173	4.39
16	0.827	21.01	5	127.00	1.28	32.51	0.173	4.39
18	0.827	21.01	5	127.00	1.457	37.01	0.173	4.39
20	0.827	21.01	5.512	140.00	1.594	40.49	0.173	4.39
22	0.827	21.01	5.512	140.00	1.713	43.51	0.173	4.39
24	0.827	21.01	5.512	140.00	1.85	46.99	0.173	4.39
28	0.827	21.01	7.48	189.99	2.126	54.00	0.22	5.59
32	0.827	21.01	7	177.80	2.382	60.50	0.22	5.59
36	0.827	21.01	7.48	189.99	2.638	67.01	0.22	5.59
40	0.827	21.01	7.48	189.99	2.874	72.00	0.22	5.59

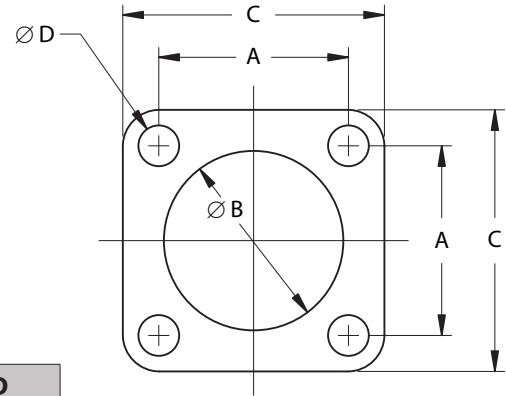
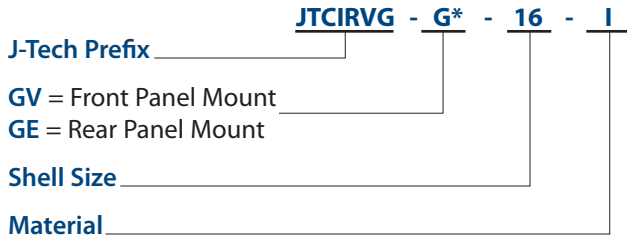
Dimensions are for reference only. Consult factory.

JT19DCR- (Dust cap for Plug)**

Shell Size	A		B		Ø C		Ø D	
	Maximum		Reference		Maximum		+0.020	+0.50
	inch	mm	inch	mm	inch	mm	-.010	-.25
10SL	0.945	24.00	5	127.00	0.807	20.50	0.173	4.39
14S	0.945	24.00	5	127.00	1.059	26.90	0.173	4.39
16S	1.26	32.00	5	127.00	1.169	29.69	0.173	4.39
16	1.26	32.00	5	127.00	1.169	29.69	0.173	4.39
18	1.26	32.00	5	127.00	1.303	33.10	0.173	4.39
20	1.26	32.00	5.512	140.00	1.437	36.50	0.173	4.39
22	1.26	32.00	5.512	140.00	1.563	39.70	0.173	4.39
24	1.26	32.00	5.512	140.00	1.701	43.21	0.173	4.39
28	1.26	32.00	7.48	189.99	1.929	48.00	0.22	5.59
32	1.26	32.00	7	177.80	2.193	55.70	0.22	5.59
36	1.26	32.00	7.48	189.99	2.437	61.90	0.22	5.59
40	1.26	32.00	7.48	189.99	2.665	67.69	0.22	5.59

Dimensions are for reference only. Consult factory.

Sealing Gaskets



Shell Size	A		Ø B (Rear Mount)		Ø B (Front Mount)		C		Ø D	
	±.008 inch	± 0.2 mm	+0.016 -0.000 inch	+0.40 -0.00 mm	+0.016 -0.000 inch	+0.40 -0.00 mm	+0.015 -0.000 inch	+0.40 -0.00 mm	±.008 inch	± 0.2 mm
10SL	0.717	18.21	0.724	18.39	0.626	15.90	1	25.40	0.171	4.34
14S	0.906	23.01	0.976	24.79	0.874	22.20	1.189	30.20	0.171	4.34
16S	0.969	24.61	1.087	27.61	1	25.40	1.28	32.51	0.171	4.34
16	0.969	24.61	1.087	27.61	1	25.40	1.28	32.51	0.171	4.34
18	1.063	27.00	1.22	30.99	1.125	28.57	1.378	35.00	0.203	5.16
20	1.157	29.39	1.354	34.39	1.25	31.75	1.5	38.10	0.203	5.16
22	1.252	31.80	1.48	37.59	1.374	34.90	1.622	41.20	0.203	5.16
24	1.374	34.90	1.618	41.10	1.5	38.10	1.752	44.50	0.203	5.16
28	1.563	39.70	1.846	46.89	1.75	44.45	2	50.80	0.203	5.16
32	1.752	44.50	2.11	53.59	2	50.80	2.252	57.20	0.219	5.56
36	1.937	49.20	2.354	59.79	2.188	55.58	2.5	63.50	0.219	5.56
40	2.189	55.60	2.587	65.71	2.438	61.93	2.752	69.90	0.219	5.56

Dimensions are for reference only. Consult factory.

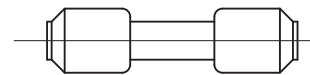
Operating Temperature	
-48.3°F to +51.7°F (-55°C to +125°C)	Neoprene
-56.7°F to +93.3°F (-70°C to +200°C)	Silicone

Material Type	
Material	Thickness
TYPE I – Neoprene Non-Conductive	0.031 ± .008 (0.8 ± 0.2)
Type II – Low Smoke/Halogen Free Non-Conductive	
Type III – Low Smoke/Halogen Free Conductive	
Type IV – Tn Plated for RFI shielding	

Sealing Plugs

Used to fill a grommet or insert cavity in lieu of a contact to maintain the environmental seal.

Contact Size		Part Number	Color Grommet
AWG	DIN	for Grommet Inserts	for Hole Plugs
20	10	022-K01-0020	Red
16s, 16	15s, 15	022-K01-0016	Blue
12	25	022-K01-0012	Yellow
8	60, 100	022-K01-0008	White
4	18	022-K01-0004	Green
0	500	022-K01-0000	Black
0 (GRD)		022-K01-0000G	White
16S, 16 High Density Inserts		022-K01-0016H	Blue



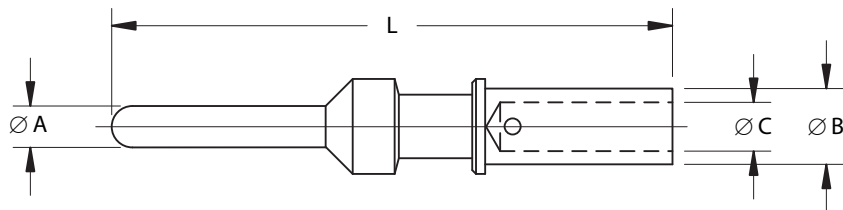
Dimensions are for reference only. Consult factory.



J-Tech Prefix 5J7 - 221 - ****

1 = Gold
 2 = Silver

Contact Size



Note: Consult factory for other sizes.

Contact Size		Part Number	Ø A		Ø B		Ø C		Conductor	L	
AWG	DIN		inch	mm	inch	mm	inch	mm	mm2	inch	mm
16S/20	15S/6	5J7-221-16S20	0.126	3.20	0.104	2.64	0.043	1.09	0.60/0.75	1.047	26.59
16S/18		5J7-221-16S18	0.126	3.20	0.091	2.31	0.049	1.24	.075/.093	1.047	26.59
16S	15S	5J7-221-16S16	0.126	3.20	0.108	2.74	0.069	1.75	.093/1.50	1.047	26.59
16S/14		5J7-221-16S14	0.126	3.20	0.114	2.90	0.071	1.80	1.94/2.08	1.047	26.59
16/22		5J7-221-1622	0.126	3.20	0.091	2.31	0.035	0.89	0.34/0.22	1.25	31.75
16/20	16/16	5J7-221-1620	0.126	3.20	0.104	2.64	0.043	1.09	0.60/0.75	1.25	31.75
16/18		5J7-221-1618	0.126	3.20	0.091	2.31	0.049	1.24	0.93	1.25	31.75
16	15	5J7-221-1616	0.126	3.20	0.108	2.74	0.069	1.75	0.93/1.68	1.25	31.75
16/14		5J7-221-1614	0.126	3.20	0.114	2.90	0.071	1.80	1.94/2.08	1.25	31.75
16/12		5J7-221-1612	0.189	4.80	0.15	3.81	0.098	2.49	2.50/3.00	1.25	31.75
12/20	25/6	5J7-221-1220	0.189	4.80	0.104	2.64	0.043	1.09	0.60/0.75	1.476	37.49
12/18		5J7-221-1218	0.189	4.80	0.091	2.31	0.049	1.24	0.75/0.93	1.476	37.49
12/16	25/15	5J7-221-1216	0.189	4.80	0.108	2.74	0.069	1.75	0.93/1.50	1.476	37.49
12/14		5J7-221-1214	0.189	4.80	0.114	2.90	0.071	1.80	1.94/2.08	1.476	37.49
12	25	5J7-221-1212	0.189	4.80	0.15	3.81	0.098	2.49	2.50/3.00	1.476	37.49
12/10		5J7-221-1210	0.189	4.80	0.173	4.39	0.118	2.00	5.53	1.476	37.49
8/10		5J7-221-0810	0.307	7.80	0.173	4.39	0.118	2.00	5.53	1.602	40.69
4		5J7-221-0404	0.433	10.00	0.376	9.55	0.28	7.11	22	1.624	41.25
0		5J7-221-0101	0.591	15.01	0.565	14.35	0.453	11.51	53	1.752	44.50

Dimensions are for reference only. Consult factory.

5J8-221-****

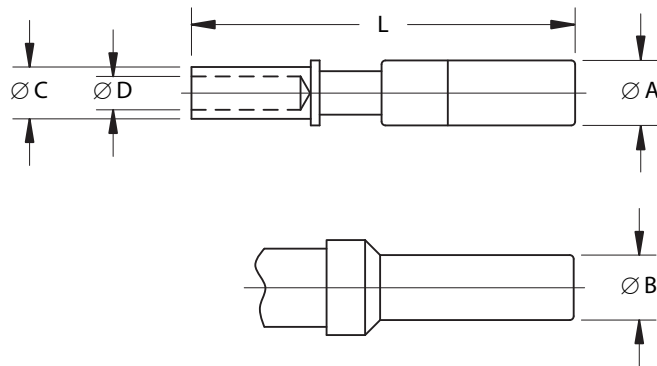
Socket Crimp Contacts



J-Tech Prefix 5J8 - 221 - ****

1 = Gold
2 = Silver

Contact Size



Note: Consult factory for other sizes.

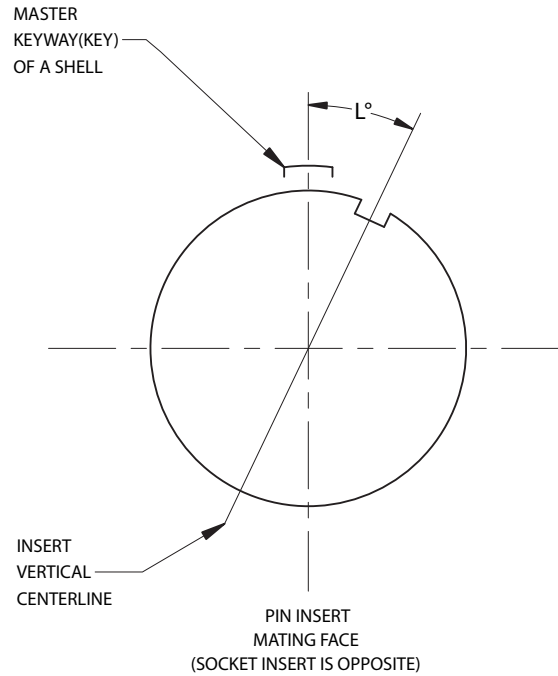
Contact Size		Part Number	Ø A		Ø B		Ø C		Ø D		Conductor	L	
AWG	DIN		inch	mm	inch	mm	inch	mm	inch	mm	CSA mm2	inch	mm
16S/20	15S/6	5J8-221-16S20	0.126	3.20	-	-	0.104	2.64	0.049	1.24	0.60/0.75	1.047	26.59
16S/18		5J8-221-16S18	0.126	3.20	-	-	0.091	2.31	0.069	1.75	.75/.93	1.047	26.59
16S	15S	5J8-221-16S16	0.126	3.20	-	-	0.114	2.90	0.071	1.80	.93/1.50	1.047	26.59
16S/14		5J8-221-16S14	0.126	3.20	-	-	0.108	2.74	0.069	1.75	1.94/2.08	1.047	26.59
16/22		5J8-221-1622	0.126	3.20	-	-	0.035	0.89	0.035	0.89	0.34/0.22	1.437	36.50
16/20	16/16	5J8-221-1620	0.126	3.20	-	-	0.104	2.64	0.049	1.24	0.60/0.75	1.437	36.50
16/18		5J8-221-1618	0.126	3.20	-	-	0.091	2.31	0.049	1.24	0.93	1.437	36.50
16	15	5J8-221-1616	0.126	3.20	-	-	0.108	2.74	0.07	1.78	0.93/1.50	1.437	36.50
16/14		5J8-221-1614	0.126	3.20	-	-	0.114	2.90	0.071	1.80	1.94/2.08	1.437	36.50
16/12		5J8-221-1612	0.126	3.20	-	-	0.15	3.81	0.098	2.49	2.50/3.00	1.476	37.49
12/20	25/6	5J8-221-1220	0.189	4.80	-	-	0.104	2.64	0.049	1.24	0.60/0.75	1.476	37.49
12/18		5J8-221-1218	0.189	4.80	-	-	0.091	2.31	0.049	1.24	0.75/0.93	1.476	37.49
12/16	25/15	5J8-221-1216	0.189	4.80	-	-	0.108	2.74	0.069	1.75	0.93/1.50	1.476	37.49
12/14		5J8-221-1214	0.189	4.80	-	-	0.114	2.90	0.071	1.80	1.94/2.08	1.476	37.49
12	25	5J8-221-1212	0.189	4.80	-	-	0.15	3.81	0.098	2.49	2.50/3.00	1.476	37.49
12/10		5J8-221-1210	0.189	4.80	-	-	0.173	4.39	0.118	2.00	5.53	1.476	37.49
8/10		5J8-221-0810	0.307	7.80	0.256	6.50	0.173	4.39	0.118	2.00	5.53	1.602	40.69
4		5J8-221-0404	0.437	11.10	0.339	8.61	0.376	9.55	0.28	7.11	22.00	1.624	41.25
0		5J8-221-0101	0.594	15.09	0.52	13.21	0.565	14.35	0.453	11.51	53.00	1.752	44.50

Dimensions are for reference only. Consult factory.

Polarization (Insert Clocking)

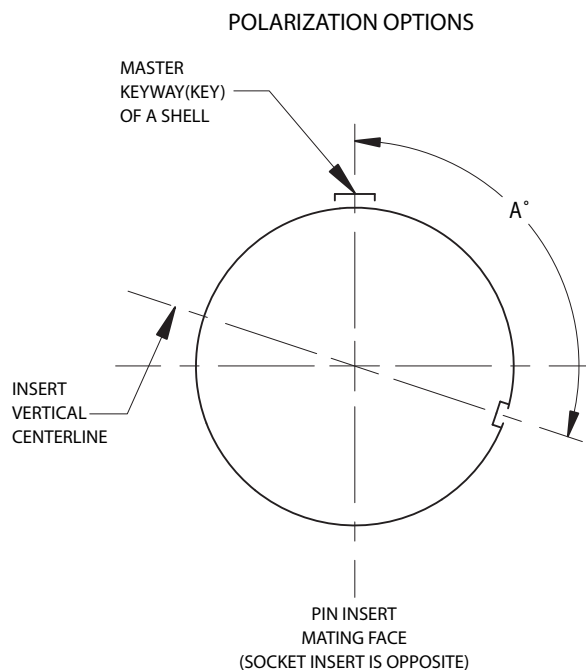
1. In the normal insert clocking position (position N), the insert centerline coincides with the centerline of the master keyway (key) of the shell: $L = 0^\circ$.
2. In the alternate clocking positions (Q, W, Y and Z), the pin insert (viewing from mating side) is rotated clockwise relative to the centerline of the master keyway (key) of the shell.
3. The socket insert is rotated counter-clockwise.
4. Plugs have keyways; receptacles have keys.

Note: Be careful with alternate positions. See tables on the following pages for position availability on layouts of interest.



Polarization Options

Alternate Polarizations	
Position Number	A Degrees
1	0°
2	260°
3	110°
4	80°
5	110°
8	250°
9	280°
12	100°
13	250°



Reference page 1F-1 in *The Encyclopedia of Connectors*, Vol.1 Book 1 ©2000.

JTCIR Reverse Bayonet Connectors
Contact Information, Service Rating, and Clocking Positions
Per VG95234 and Specials



Shell Size & Insert Arrangement	Contacts						Service Rating	Insert Positions				
	Total Number	Quantity by Contact Size						"L" Degrees				
		0	4	8	12	16		Q	W	X	Y	Z
85-1	1					1	A	-	-	-	-	-
10S-2	1					1	A	-	-	-	-	-
10SL-3	3					3	A	-	-	-	-	-
10SL-4	2					2	A	-	-	-	-	-
10SL-55	3					3	I	Thermocouple				
12S-1	2					2	A	Position #12 of 12S-3				
12S-2	2					2	A	Position #13 of 12S-3				
12S-3	2					2	A	-	70	145	215	290
12S-4	1					1	D	-	-	-	-	-
12-5	1				1		D	-	-	-	-	-
14S-1	3					3	A	-	-	-	-	-
14S-2	4					4	I	-	-	120	240	-
14-3	1			1			A	-	-	-	-	-
14S-4	1					1	o	-	-	-	-	-
14S-5	5					5	I	-	-	110	-	-
14S-6	6					6	I	-	-	-	-	-
14S-7	3					3	A	-	90	180	270	-
14S-8	8			All Size 20S			A	-	-	-	-	-
14S-9	2					2	A	-	70	145	215	290
14S-10	4					4	I	Position #12 of 14S-2				
14S-11	4					4	I	Position #13 of 14S-2				
14S-12	3					3	A	Position #12 of 14S-1				
14S-13	3					3	I	Position #2 of 14S-1				
16S-1	7					7	A	-	80	-	-	280
16S-3	1					1	B,C,F,G=A BAL=I	-	-	-	-	-
16S-4	2					2	D	-	35	110	250	325
16S-5	3					3	A	-	70	145	215	290
16S-6	3					3	A	-	90	180	270	-
16-7	3			1		2	A	-	80	110	250	280
16S-8	5					5	A	-	-	170	265	-
16-9	4				2	2	A	-	35	110	250	325
16-10	3				3		A	-	90	180	270	-
16A-10	10			All Size 18			A	-	35	112	235	315
16-11	2				2		A	-	35	110	250	325
16-12	1		1				A	-	-	-	-	-
16-13	2	Thermocouple - Spl Mat.			2		A	-	35	110	250	325
16S-14	3					3	A	Position #3 of 16S-5				
16S-15	2					2		Position #12 of 16S-4				
16S-16	2					2		Position #13 of 16S-4				
16S-17	3					3	A	Position #3 of 16S-14				
16-52	2				2		A	-	-	-	-	-
18-1	10					10	B,C,F,G=A BAL=I	-	70	145	215	290
18-3	2				2		D	-	35	110	250	325
18-4	4					4	D	-	35	110	250	325
18-5	3				2	1	D	-	80	110	250	280



JTCIR Reverse Bayonet Connectors

Contact Information, Service Rating, and Clocking Positions

Per VG95234 and Specials

Shell Size & Insert Arrangement	Contacts						Insert Positions					
	Total Number	Quantity by Contact Size					Service Rating	"L" Degrees				
		0	4	8	12	16		Q	W	X	Y	Z
18-06	6				4	2	A	-	-	-	-	-
18-6	1		1				D	-	-	-	-	-
18-7	1			1			B	-	-	-	-	-
18-8	8				1	7	A	-	70	-	-	290
18-9	7				2	5	I	-	80	110	250	280
18-10	4				4		A	-	-	120	240	-
18-11	5				5		A	-	-	170	265	-
18-12	6					6	A	-	80	-	-	280
18-13	4			1	3		A	-	80	110	250	280
18-14	2		1			1	A	-	80	110	250	280
18-15	4	Thermocouple - Spcl Mat.			4		A	-	-	120	240	-
18-16	1				1		C	-	-	-	-	-
18-17	7				2	5	I	Position #12 of 18-9				
18-18	7				2	5	I	Position #13 of 18-9				
18-19	10					10	A	-	-	120	240	-
18-20	5					5	A	-	90	180	270	-
18-22	3					3	D	-	70	145	215	290
18-23	10					10	B,C,F,G=A BAL=I	Position #12 of 18-1				
18-24	10					10	B,C,F,G=A BAL=I	Position #13 of 18-1				
18-25	2				2		D	Position #12 of 18-3				
18-26	2				2		D	Position #13 of 18-3				
18-27	3				2	1	D	Position #12 of 18-5				
18-28	3				2	1	D	Position #13 of 18-5				
18-29	5					5	A	-	90	180	270	-
18-30	5					5	A	Position #3 of 18-20				
18-31	5					5	A	Position #2 of 18-20				
20-2	1	1					D	-	-	-	-	-
20-3	3				3		D	-	70	145	215	290
20-4	4				4		D	-	45	110	250	-
20-5	2					2	E	-	35	110	250	325
20-6	3					3		-	70	145	215	290
20-7	8					8	A,B,G,H=D BAL=A	-	80	110	250	280
20A-7	7	All Size 18					D	-	-	-	-	-
20-8	6			2		4	I	-	80	110	250	280
20A-8	8			2		6	I	-	35	110	250	325
20-9	8				1	7	H=D BAL=A	-	80	110	250	280
20A-9	9				9		*	-	-	110	250	-
20-10	4					4	A	-	-	-	-	-
20-11	13					13	I	-	-	-	-	-
20A-11	11	5 Size 20		1		5	A	-	-	-	-	-
20-12	2		1			1	A	-	80	110	250	280
20-13	4					4	A	-	-	-	-	-
20-14	5			2	3		A	-	80	110	250	280
20-15	7				7		A	-	80	-	-	280
20-16	9				2	7	A	-	80	110	250	280

JTCIR Reverse Bayonet Connectors

Contact Information, Service Rating, and Clocking Positions

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Shell Size & Insert Arrangement	Contacts						Service Rating	Insert Positions					
	Total Number	Quantity by Contact Size						"L" Degrees					
		0	4	8	12	16		Q	W	X	Y	Z	
20-17	6				5	1	A	-	90	180	270	-	
20-18	9				3	6	A	-	35	110	250	325	
20-19	3			3			A	-	90	180	270	-	
20-20	4		1		3		A	-	80	110	250	280	
20-21	9				1	8	A	-	35	110	250	325	
20-22	6			3		3	A	-	80	110	250	280	
20-23	2			2			A	-	35	110	250	325	
20-24	4			2		2	A	-	35	110	250	325	
20-25	13					13	I	Position #12 of 20-11					
20-27	14					14	A	-	35	110	250	325	
20-29	17					17	A	-	80	-	-	280	
20A-29	29	25 Size 18, 4 Size 12						I	-	45	-	210	-
20-30	13					13	I	Position #13 of 20-11					
20-32	8					8	A,B,G,H=D BAL=A	Position #2 of 20-7					
20-33	11					11	A	-	-	-	-	-	
20A-48	19					19	I	-	-	80	280	-	
22-1	2			2			D	-	35	110	250	325	
22-2	3			3			D	-	70	145	215	290	
22-3	2		1			1	D	-	80	110	250	280	
22-4	4			2	2		A	-	35	110	250	325	
22-5	6				2	4	D	-	35	110	250	325	
22-6	3			2		1	D	-	80	110	250	280	
22-7	1	1					E	-	-	-	-	-	
22-8	2				2		E	-	35	110	250	325	
22-9	3				3		E	-	70	145	215	290	
22-10	4					4	E	-	35	110	250	325	
22A-10	10					10	A	-	-	120	240	-	
22-11	2					2	B	-	35	110	250	325	
22-12	5			2		3	D	-	80	110	250	280	
22-13	5				4	1	E=D BAL=A	-	35	110	250	325	
22-14	19					19	A	-	80	110	250	280	
22-15	6				5	1	D=E BAL=A	-	80	110	250	280	
22-16	9				3	6	A	-	80	110	250	280	
22-17	9				1	8	A=D BAL=A	-	80	110	250	280	
22-18	8					8	C,D,E=A BAL=D	-	80	110	250	280	
22-19	14					14	A	-	80	110	250	280	
22-20	9					9	A	-	35	110	250	325	
22-21	3	1				2	A	-	80	110	250	280	
22-22	4			4			A	-	-	110	250	-	
22-23	8				8		H=D BAL=A	-	35	-	250	-	
22-24	6				2	4	C,D,E=D BAL=A	-	80	110	250	280	
22-25	3	1				2	A	-	80	110	250	280	
22-27	9			1		8	A	-	80	-	250	280	
22-28	7				7		A	-	80	-	-	280	
22-29	7		1			6	A	-	80	110	250	280	



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Contact Information, Service Rating, and Clocking Positions

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Shell Size & Insert Arrangement	Contacts						Insert Positions						
	Total Number	Quantity by Contact Size					Service Rating	"L" Degrees					
		0	4	8	12	16		Q	W	X	Y	Z	
22-30	19						A	Position #2 of 22-14					
22-31	2						B	Position #12 of 22-11					
22-32	6						D	Position #2 of 22-5					
22-33	7					7	E,F,G=A BAL=D	-	80	110	250	280	
22-34	5				3	2	D	-	80	110	250	280	
22A-37	37	All Size 18						A	-	80	112	250	280
24-1	2	1			1		D	-	80	110	250	280	
24A-1	1	1					B	-	-	-	-	-	
24-2	7				7		D	-	80	-	-	280	
24-3	7				2	5	D	-	80	110	250	280	
24J-3	3			1	2		High Voltage	Consult Factory					
24-4	4	1				3	D	-	80	110	250	280	
24-5	16					16	A	-	80	110	250	280	
24-6	8				8		A,G,H=D BAL=A	-	80	110	250	280	
24-7	16				2	14	A	-	80	110	250	280	
24A-7	7				7		D	-	80	-	-	280	
24-9	2		2				A	-	35	110	250	325	
24-10	7			7			A	-	80	-	-	280	
24-11	9			3	6		A	-	35	110	250	325	
24-12	5		2		3		A	-	80	110	250	280	
24-14	3	1			2		A	-	80	110	250	280	
24-15	16					16	A	Position #12 of 24-5					
24-16	7			1	3	3	A,B,F,G=D BAL=A	-	80	110	250	280	
24-17	5				2	3	D	-	80	110	250	280	
24-19	12					12	A	-	-	-	-	-	
24-20	11				2	9	D	-	80	110	250	280	
24-21	10			1		9	D	-	80	110	250	280	
24-22	4			4			D	-	45	110	250	-	
24-23	5			3		2	D	-	80	110	250	280	
24-24	16					16	A	Position #13 of 24-5					
24-25	8				8		A,G,H=D BAL=A	Position #12 of 24-6					
24A-25	25					25	I	-	80	110	250	280	
24-26	8				8		A,G,H=D BAL=A	Position #13 of 24-6					
24-27	7					7	E	-	80	-	-	280	
24-28	24					24	I	-	80	110	250	280	
24A-28	28					28	I	-	65	-	-	-	
24-67	19					19	A	-	80	-	-	335	
24-80	23					23	I	-	35	145	240	300	
28-1	9			3	6		A,E,J=D BAL=A	-	80	110	250	280	
28-2	14				2	12	D	-	35	110	250	325	
28-3	3			3			E	-	70	145	215	290	
28-4	9				2	7	G,P,S=E BAL=D	-	80	110	250	280	
28-5	5		2		1	2	D	-	35	110	250	325	
28-6	3		3				D	-	70	145	215	290	
28-7	2				2		D	-	35	110	250	325	

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Contact Information, Service Rating, and Clocking Positions

Per VG95234 and Specials



Shell Size & Insert Arrangement	Contacts						Service Rating	Insert Positions				
	Total Number	Quantity by Contact Size						"L" Degrees				
		0	4	8	12	16		Q	W	X	Y	Z
28-8	12				2	10	L,M=E B=D BAL=A	-	80	110	250	280
28-9	12				6	6	D	-	80	110	250	280
28A-9	9		4			5	A	-	110	250	260	280
28-10	7		2	2	3		G=D BAL=A	-	80	110	250	280
28A-10	10				10		D	-	80	135	195	-
28-11	22				4	18	A	-	80	110	250	280
28-12	26					26	A	-	90	180	270	-
28-13	26					26	A	Position #12 of 28-12				
28-14	11					11	D	-	80	110	250	280
28-15	35					35	A	-	80	110	250	280
28-16	20					20	A	-	80	110	250	280
28A-16	16			4	12		A	-	-	-	-	-
28-17	15					15	R=B M,N,P=D BAL=A	-	80	110	250	280
28-18	12					12	M=C A,B=A C,D,E,F=I BAL=D	-	70	145	215	290
28-19	10				4	6	H,M=B A,B=D BAL=A	-	80	110	250	280
28-20	14				10	4	A	-	80	110	250	280
28-21	37					37	A	-	80	110	250	280
28-22	69		3			3	D	-	70	145	215	290
28-31	31			6	25 Size 20		I	-	-	-	-	-
28-51	12				12		D	337	80	135	195	-
28-59	17				7	10	A	-	35	110	250	325
28A-63	28				9	19	*	-	-	100	260	-
28-72	72	All Size 20					I	-	72	144	216	288
32-1	5	2			3		A=E BAL=D	-	80	110	250	280
32-2	5		3		2		E	-	70	145	215	290
32-3	9	1	2		2	4	D	-	80	110	250	280
32-4	14				2	12	BAL=D F,J,K,N=A	-	80	110	250	280
32-5	2	2					D	-	80	110	250	325
32A-5	5		5				A	-	90	180	270	-
32-6	23		2	3	2	16	A	-	80	110	250	280
32-7	35				7	28	A,B,h,j=I BAL=A	-	80	125	235	280
32-8	30				6	24	A	-	80	125	235	280
32A-8	8			8			A	-	35	122	-	315
32-9	14		2			12	D	-	80	110	250	280
32-10	7		2	2		3	C,D=A G=B B,E=D A,F=E	-	80	110	250	280
32-12	15				5	10	E,C,D,F,G=A BAL=D	-	80	110	250	280
32-13	23				5	18	D	-	80	110	250	280
32A-13	13				13		D	-	65	130	230	295
32-14	7		2		5		D	-	35	110	250	325
32-15	8	2			6		D	280	35	110	250	280



JTCIR Reverse Bayonet Connectors

Contact Information, Service Rating, and Clocking Positions

Per VG95234 and Specials

Shell Size & Insert Arrangement	Contacts						Insert Positions						
	Total Number	Quantity by Contact Size					Service Rating	"L" Degrees					
		0	4	8	12	16		Q	W	X	Y	Z	
32-16	23		2	3	2	16	A	Position #12 of 32-6					
32-17	4		4				D	-	45	110	250	-	
32-18	14				2	12	G,H=D F,J,K,N=A BAL=D	Position #12 of 32-4					
32-19	5						A=E BAL=D	Position #2 of 32-1					
32-20	23						A	Position #2 of 32-6					
32-22	54					54	A	-	80	110	250	280	
32A-27	27				10	17	A	-	30	115	285	335	
32-31	31					31	A	-	80	125	215	280	
32A-40	40					40	A	-	35	130	-	-	
32A-48	48					48	I	-	80	-	-	-	
32A-55	55					55	A	-	80	110	250	280	
32-59	42			2		40	A	-	36	108	252	324	
32-63	5		5				D	-	-	-	-	-	
32-68	16		4			12	A	-	65	135	225	275	
32A-69	61	20 Size 16, 41 Size 20						A	-	-	110	250	-
32-73	46					46	A	-	36	-	-	-	
32-76	19				19		A	-	80	110	250	280	
32-101	12	2-COAX				10	A,E=C B,H=COAX BAL=D	-	65	125	225	310	
36A-2	2	2					A	-	35	110	250	325	
36-3	6	3			3		D	-	70	145	215	290	
36-5	4	4					A	-	-	120	240	-	
36-6	6	2	4				A	-	35	110	250	325	
36-7	47				7	40	A	-	80	110	250	280	
36-8	47				1	46	A	-	80	110	250	280	
36-9	31		1	2	14	14	A	-	80	125	235	280	
36-10	48					48	A	-	80	125	235	280	
36A-10	10		2	8			A	-	45	110	250	315	
36B-10	10		2	8			A	-	-	-	-	-	
36-11	48					48	A	Position #12 of 36-10					
36-12	48					48	A	Position #13 of 36-10					
36A-12	12		2	10			A	-	-	-	-	-	
36-13	17				2	15	N,P,Q=E BAL=A	-	80	110	250	280	
36-14	16			5	5	6	D	-	90	180	270	-	
36-15	35					35	M=D BAL=A	-	60	125	245	305	
36-16	47				7	40	A	Position #12 of 36-7					
36-17	47				7	40	A	Position #13 of 36-7					
36-18	31		1	2	14	14	A	Position #12 of 36-9					
36-19	17	1	1		5	10	D	-	80	110	250	280	
36-20	34			2	2	30	A	-	-	-	-	-	
36-21	31		1	2	14	14	A	Position #2 of 36-9					
36A-22	22				22		D	-	80	110	250	280	
36A-48	48					48	I	-	65	-	-	-	
36-52	52					52	A	-	72	144	216	288	

JTCIR Reverse Bayonet Connectors

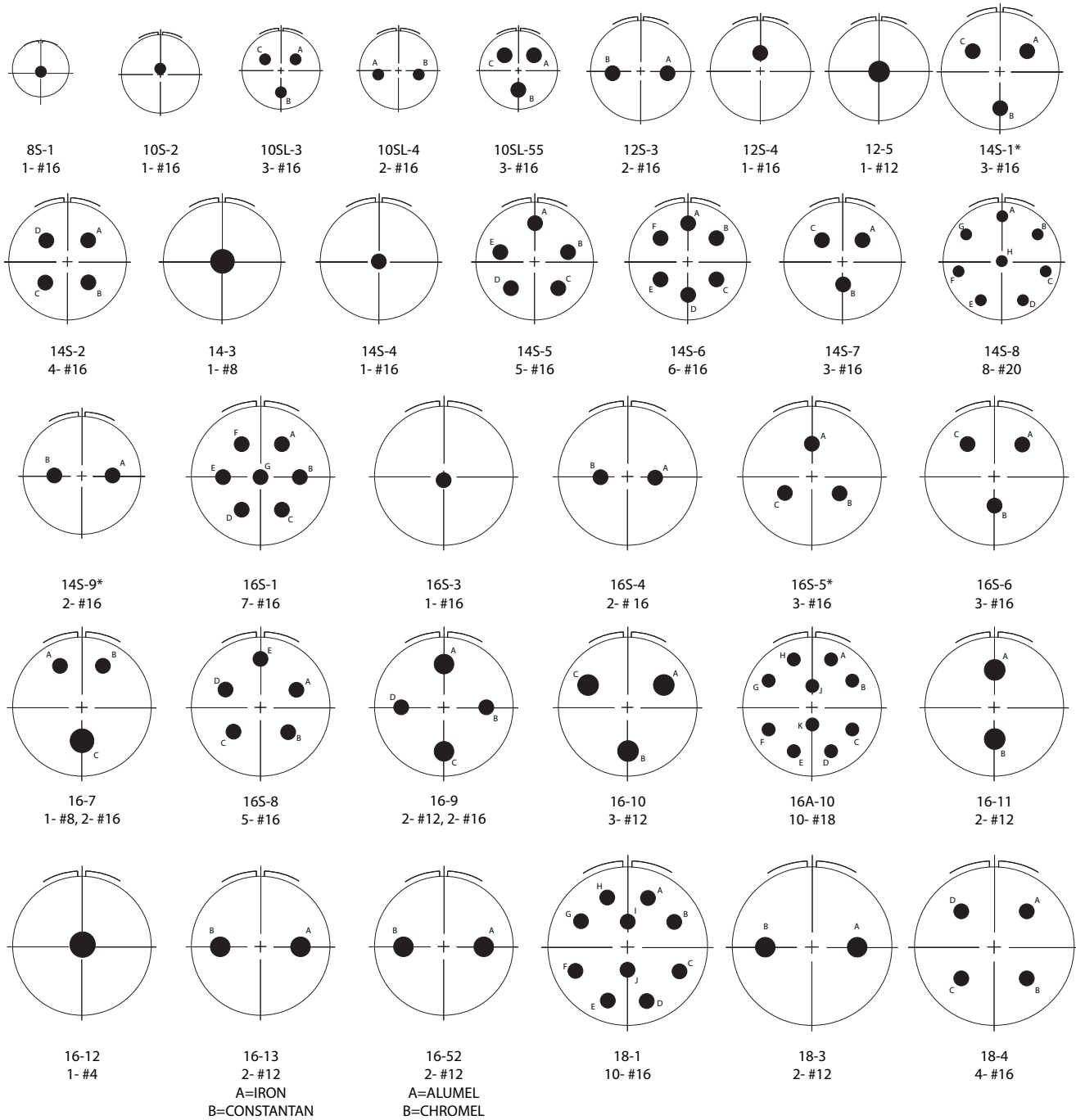
Contact Information, Service Rating, and Clocking Positions

Per VG95234 and Specials



Shell Size & Insert Arrangement	Contacts						Insert Positions					
	Total Number	Quantity by Contact Size					Service Rating	"L" Degrees				
		0	4	8	12	16		Q	W	X	Y	Z
36-54	39			8		31	A	-	67	-	-	-
36A-61	6		2		4		E	-	80	-	-	280
36-66	56				4	52	A	-	110	250	260	280
36A-72	72	4 Size 12, 16 Size 16, 52 Size 18					I	-	-	110	-	-
36-77	7		7				D	-	-	90	-	-
36-78	14			12		2	D	-	35	106	254	325
40-1	30				6	24	D	-	65	130	235	300
40-2	23					23	A,B,C,D,E=B BAL=D	-	80	110	250	280
40-3	23		1		4	18	D	-	80	110	250	280
40A-3	5	3			2		E	-	70	145	215	290
40A-4	6	4			2		A	-	50	120	240	325
40-6	26	1			1	24	D	-	80	110	250	280
40-7	22	2			2	18	W,X,U,V,P,Q=A BAL=D	-	80	110	250	280
40A-8	8	4				4	E	-	35	110	250	325
40-9	47			1	22	24	A	-	65	125	225	310
40-10	29		4	9		16	A	-	65	125	225	310
40A-10	8		4			4	D	-	-	-	-	-
40-11	25	1	1	1	4	18	D	-	80	110	250	280
40-12	29	1			6	22	D	-	-	-	-	-
40-13	23					23	A,B,C,D,E=B BAL=D	Position #12 of 40-2				
40A-14	14		8		6		A	-	80	135	195	-
40-19	19		2		17		A	-	35	110	250	325
40A-19	19		2	17			A	-	-	-	-	-
40B-19	19			19			A	-	35	105	255	325
40J-19	19			19			A	Multiple Options, Consult Factory				
40A-21	21		1		20		*	-	50	130	260	280
40A-30	30		1		29		A	-	30	-	-	295
40A-31	31				31		D	-	80	110	250	280
40A-35	35				35		D	-	70	130	230	290
40A-37	37				37		A	-	80	110	250	280
40B-37	37				37		A	-	30	135	-	-
40A-38	38				38		A	-	37	74	285	322
40-55	55			1	19	35	I	-	-	-	-	-
40-56	85					85	A	210	72	144	216	288
40A-56	85					85	A	-	72	144	216	288
40-58	58			1	19	38	I	-	80	-	-	-
40A-60	60					60	A	-	80	110	250	280
40-62	60					60	A	-	30	130	220	290
40A-62	62			2		60	A	-	80	130	230	280
40-63	61					61	A	-	80	110	250	280
40A-150	150	All Size 18					I	-	-	-	-	-
44A-107	7	4		3			A	Multiple Options, Consult Factory				
48-104	104					104	A	Wire AWG 16 or 12 Available at Each Cavity				
48A-151	151					151	High Voltage	Multiple Options, Consult Factory				
61-21	12			12			A	Multiple Options, Consult Factory				

Insert Arrangement Views



Consult factory for layout availability.

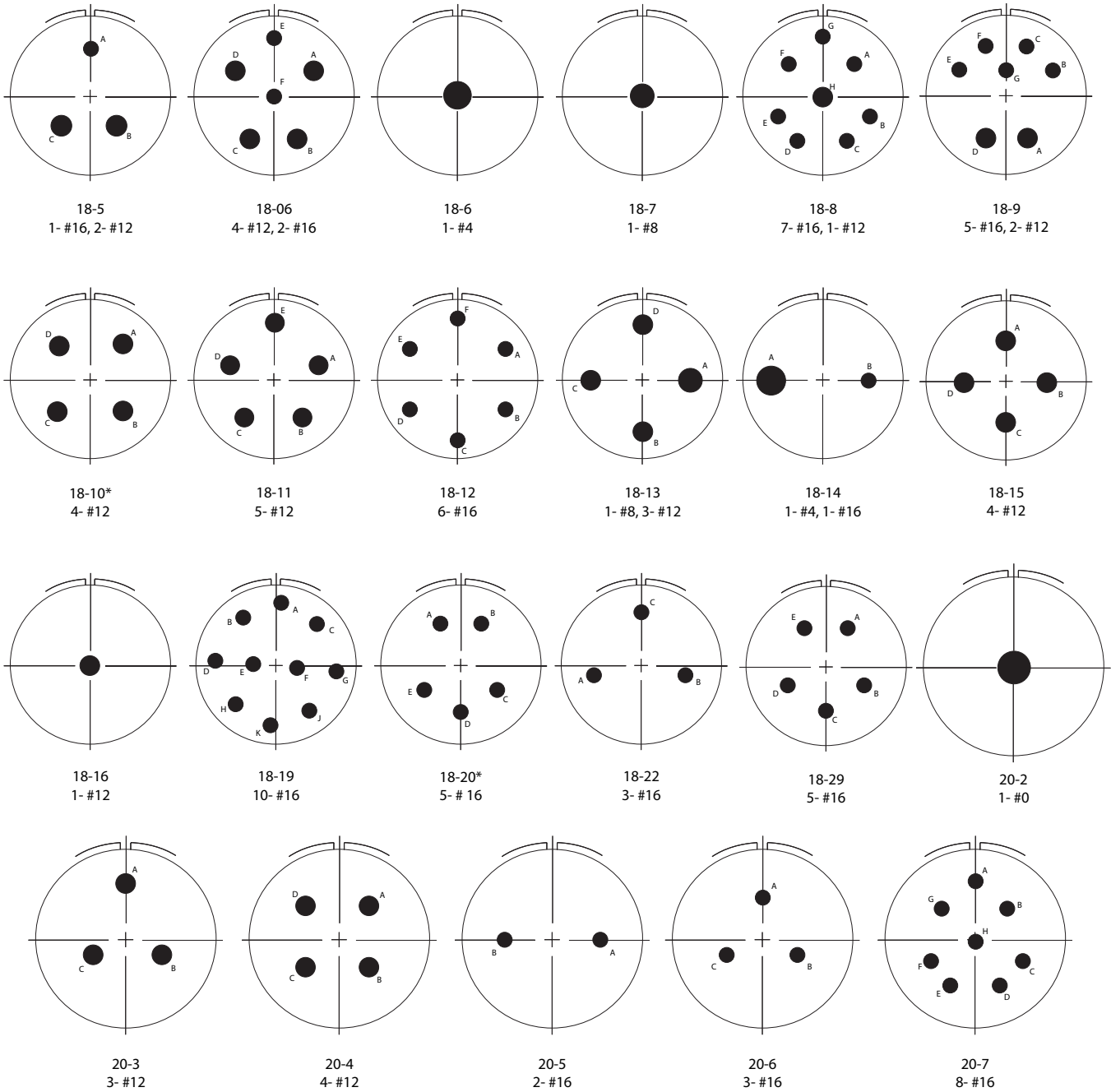
JTCIR Reverse Bayonet Connectors

Insert Arrangements

Pin Front View

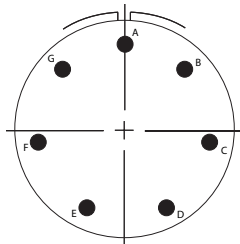


Insert Arrangement Views

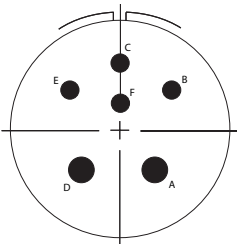


Consult factory for layout availability.

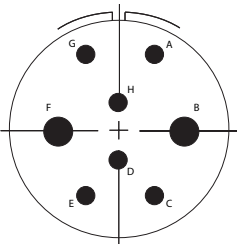
Insert Arrangement Views



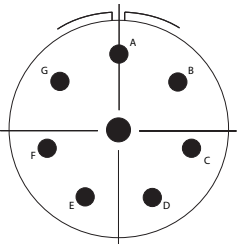
20A-7
7- #18



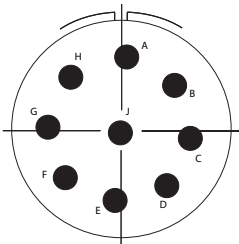
20-8
4- #16, 2- #8



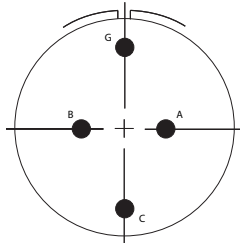
20A-8
2- #8, 6- #16



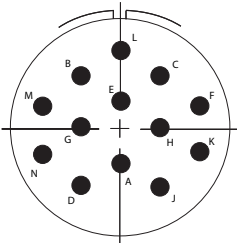
20-9
1- #12, 7- #16



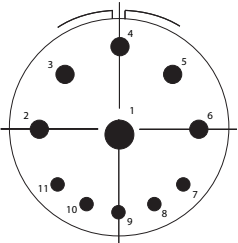
20A-9
9- #12



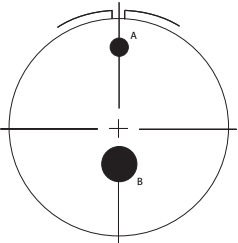
20-10
4- #16



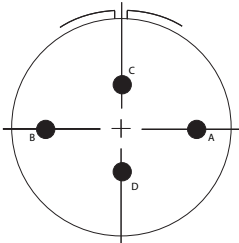
20-11
13- #16



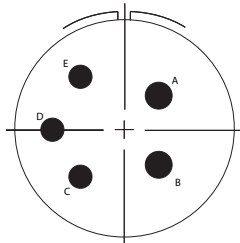
20A-11
5- #20, 1- #8, 5- #16



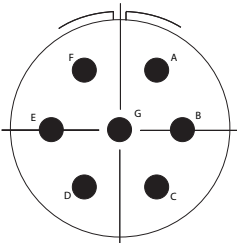
20-12
1- #4, 1- #16



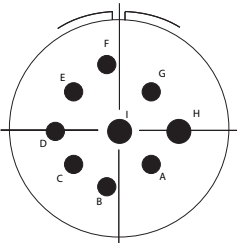
20-13
4- #16



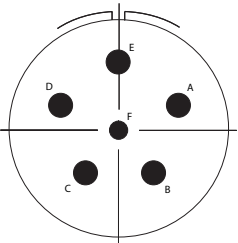
20-14
3- #12, 2- #8



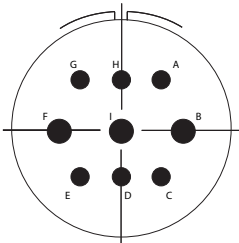
20-15
7- #12



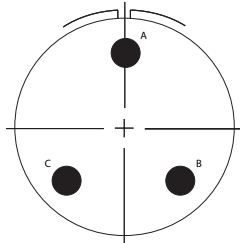
20-16
7- #16, 2- #12



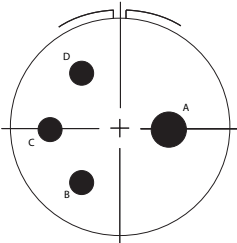
20-17
1- #16, 5- #12



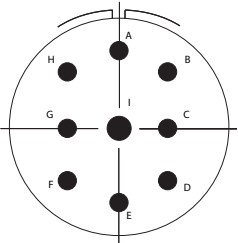
20-18
6- #16, 3- #12



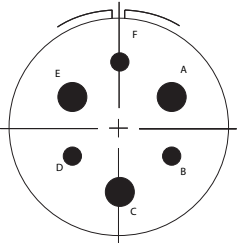
20-19
3- #8



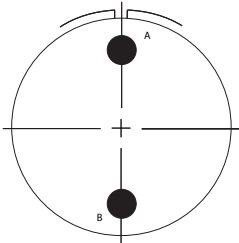
20-20
1- #4, 3- #12



20-21
1- #12, 8- #16



20-22
3- #16, 3- #8



20-23
2- #8

Consult factory for layout availability.

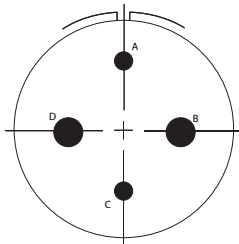
JTCIR Reverse Bayonet Connectors

Insert Arrangements

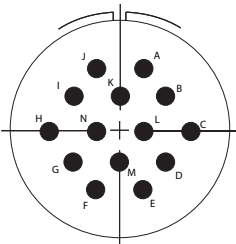
Pin Front View



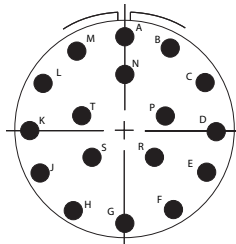
Insert Arrangement Views



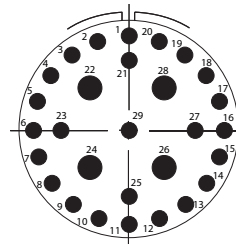
20-24
2- #16, 2- #8



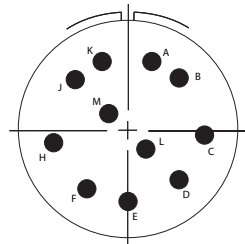
20-27
14- #16



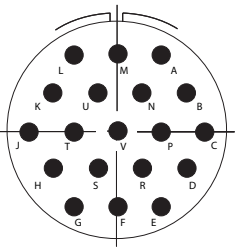
20-29
17- #16



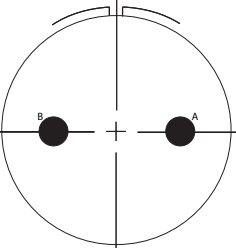
20A-29
4- #12, 25- #18



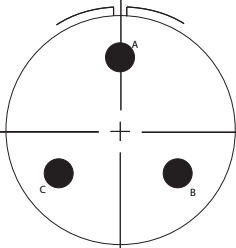
20-33
11- #16



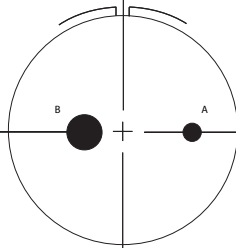
20A-48
19- #16



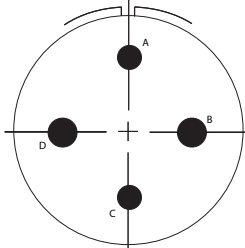
22-1*
2- #8



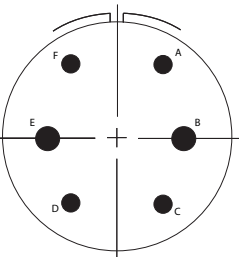
22-2
3- #8



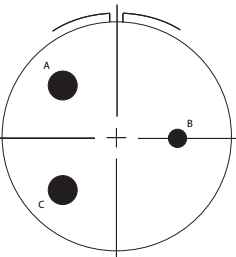
22-3
1- #4, 1- #16



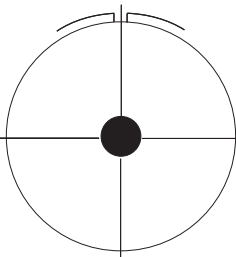
22-4
2- #8, 2- #12



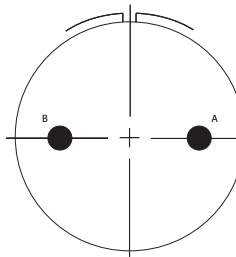
22-5
2- #12, 4- #16



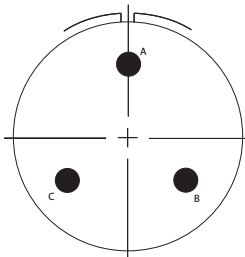
22-6
2- #8, 1- #16



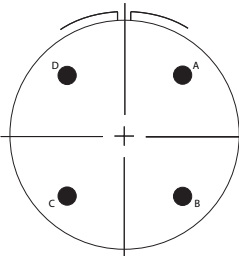
22-7
1- #0



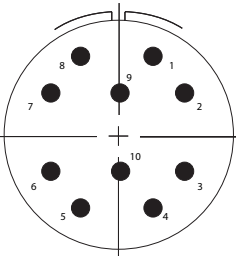
22-8
2- #12



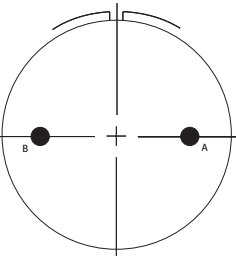
22-9
3- #12



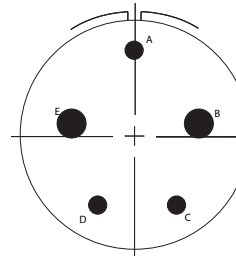
22-10
4- #16



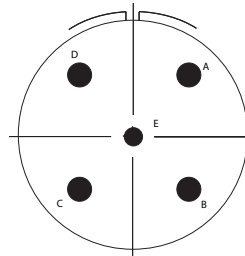
22A-10
10- #16



22-11
2- #16



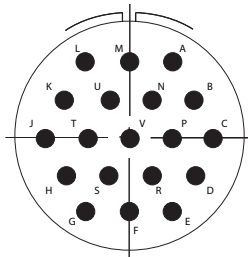
22-12
3- #16, 2- #8



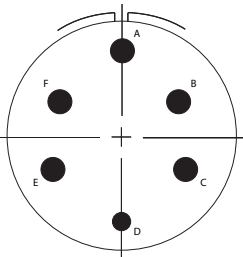
22-13
1- #16, 4- #12

Consult factory for layout availability.

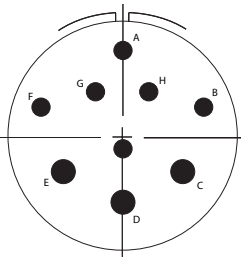
Insert Arrangement Views



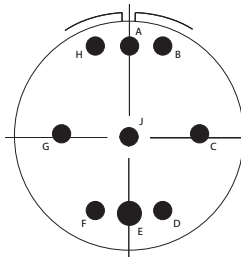
22-14
19- #16



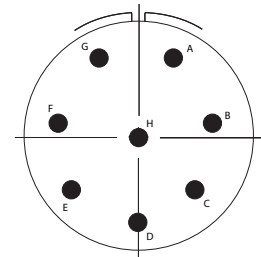
22-15
5- #12, 1- #16



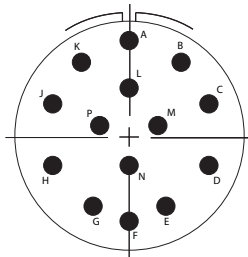
22-16
3- #12, 6- #16



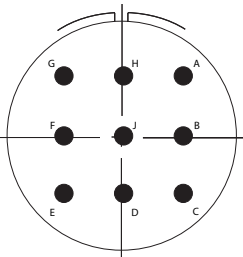
22-17
1- #12, 8- #16



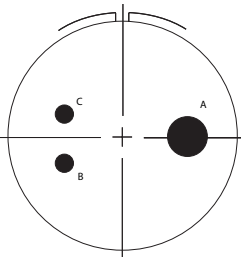
22-18
8- #16



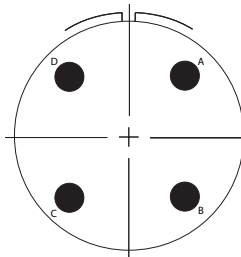
22-19
14- #16



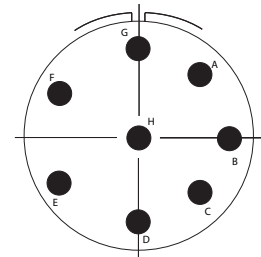
22-20
9- #16



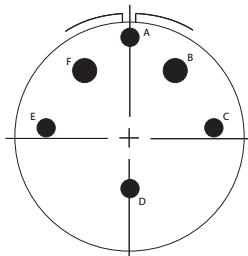
22-21
1- #0, 2- #16



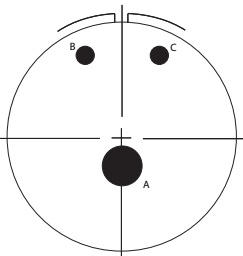
22-22
4- #8



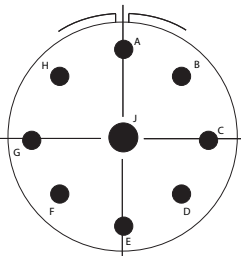
22-23
8- #12



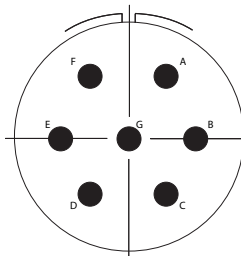
22-24
2- #12, 4- #16



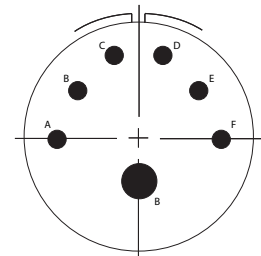
22-25
1- #0, 2- #16



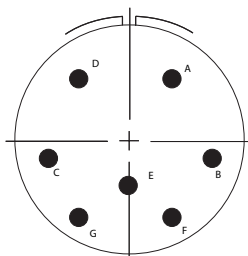
22-27
1- #8, 8- #16



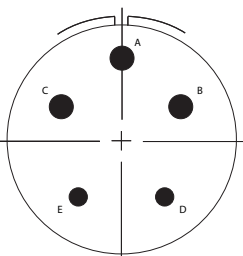
22-28
7- #12



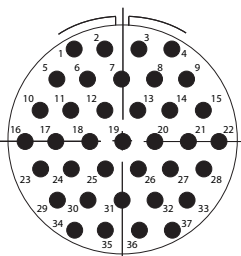
22-29
1- #4, 6- #16



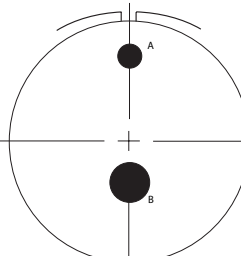
22-33
7- #16



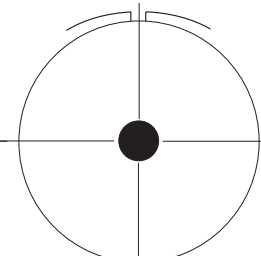
22-34
3- #12, 2- #16



22A-37
37- #18



24-1
1- #12, 1- #0



24A-1
1- #0

Consult factory for layout availability.

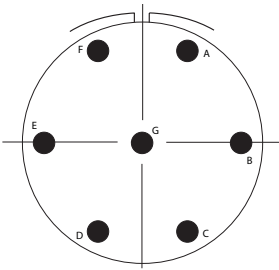
JTCIR Reverse Bayonet Connectors

Insert Arrangements

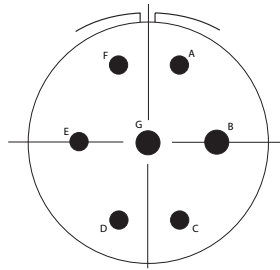
Pin Front View



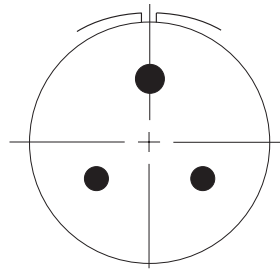
Insert Arrangement Views



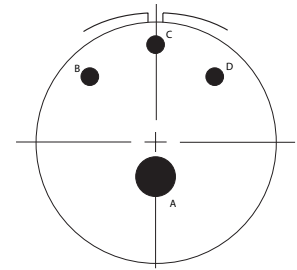
24-2
7- #12



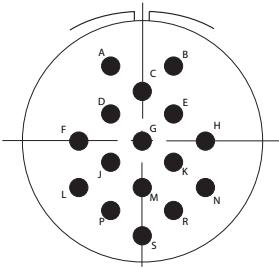
24-3
2- #12, 5- #16



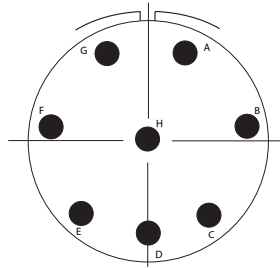
24J-3
1- #8, 2- #12



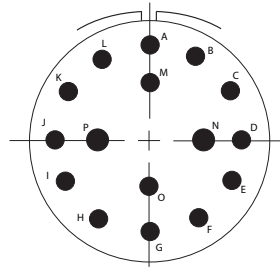
24-4
3- #16, 1- #0



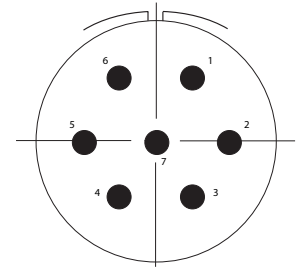
24-5
16- #16



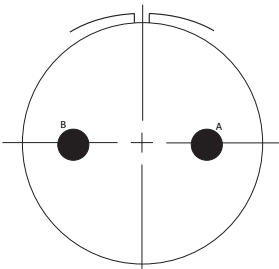
24-6
8- #12



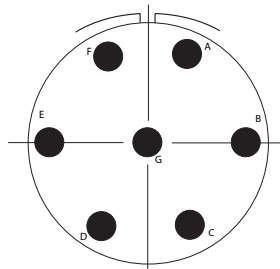
24-7
14- #16, 2- #12



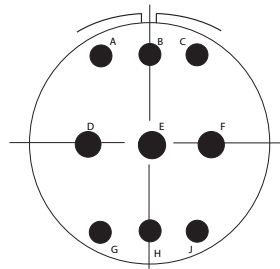
24A-7
7- #12



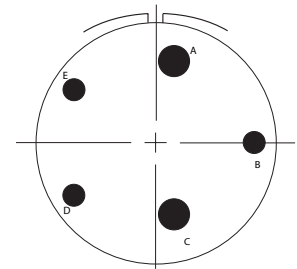
24-9
2- #4



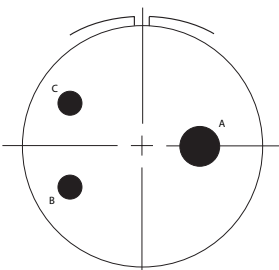
24-10
7- #8



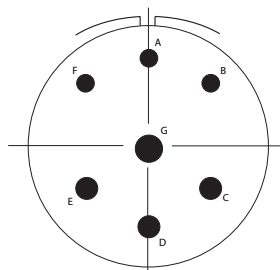
24-11
6- #12, 3- #8



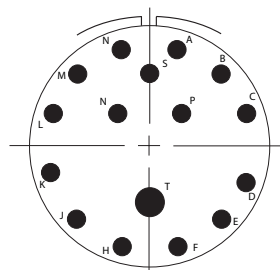
24-12
3- #12, 2- #4



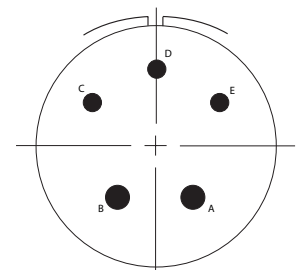
24-14
1- #0, 2- #12



24-16
1- #8, 3- #12
3- #16



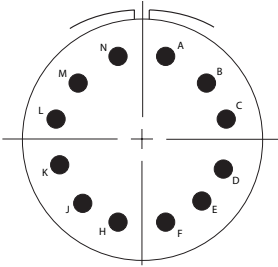
24A-16
1- #8, 15- #16



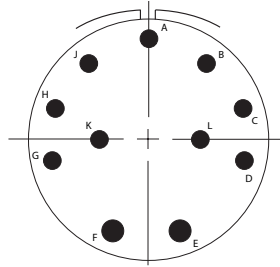
24-17
2- #12, 3- #16

Consult factory for layout availability.

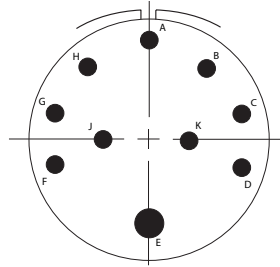
Insert Arrangement Views



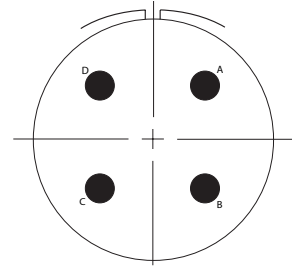
24-19
12- #16



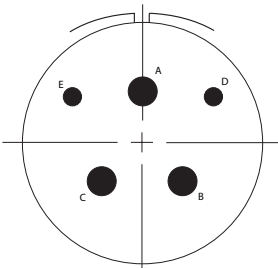
24-20
9- #16, 2- #12



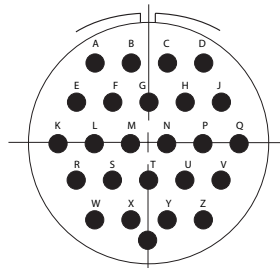
24-21
9- #16, 1- #8



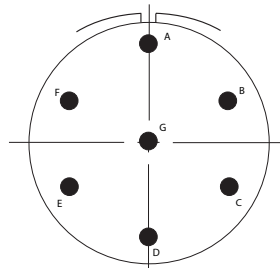
24-22
4- #8



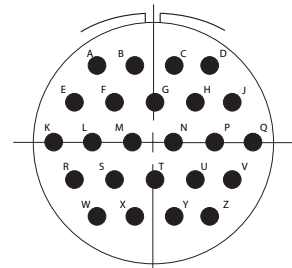
24-23
3- #8, 2- #16



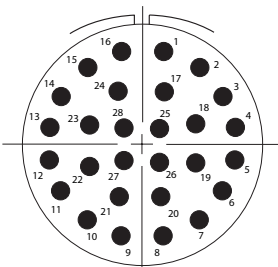
24A-25
25- #16



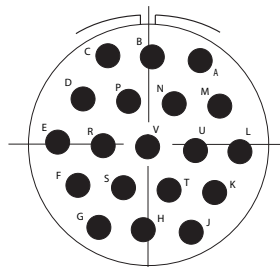
24-27
7- #16



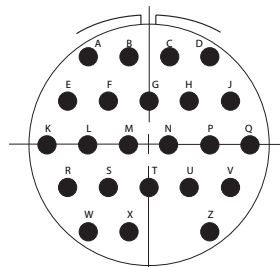
24-28
24- #16



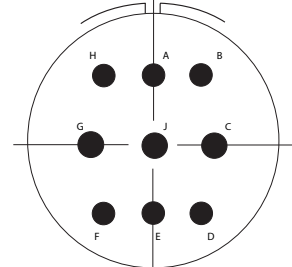
24A-28
28- #16



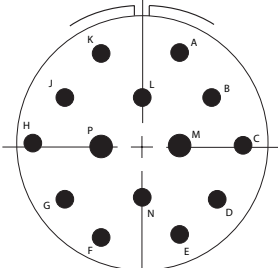
24-67
19- #12



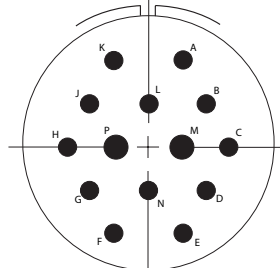
24-80
23- #16



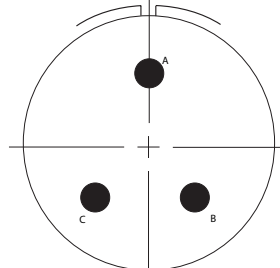
28-1
6- #12, 3- #8



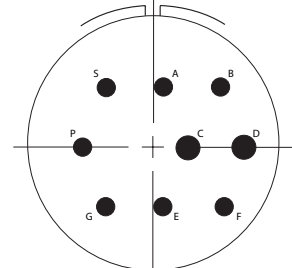
28-2
12- #16, 2- #12



28A-2
2- #12, 12- #16



28-3
3- #8



28-4
7- #16, 2- #12

Consult factory for layout availability.

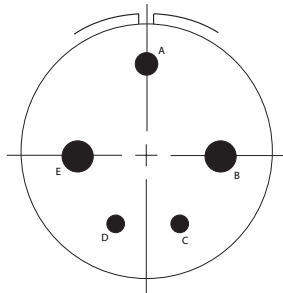
JTCIR Reverse Bayonet Connectors

Insert Arrangements

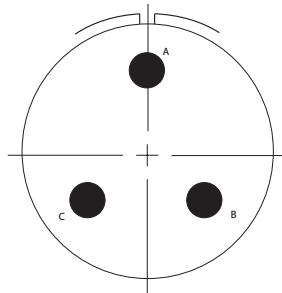
Pin Front View



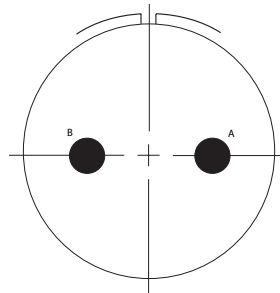
Insert Arrangement Views



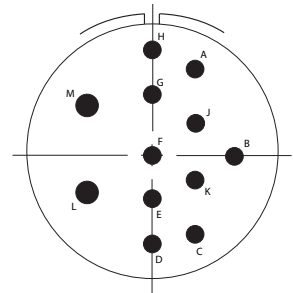
28-5
2- #16, 1- #12, 2- #4



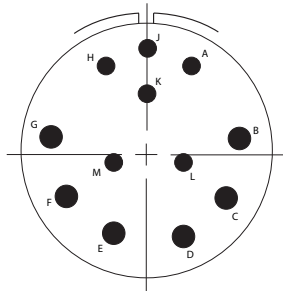
28-6
3- #4



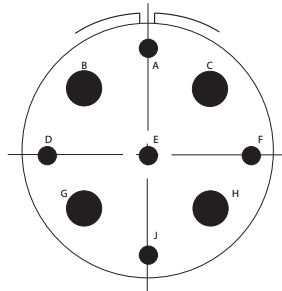
28-7
2- #4



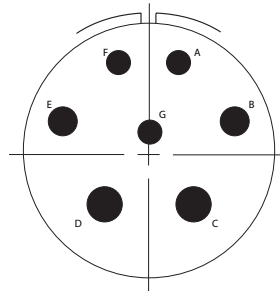
28-8
2- #12, 10- #16



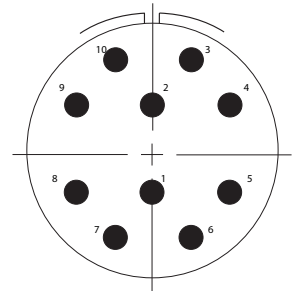
28-9
6- #16, 6- #12



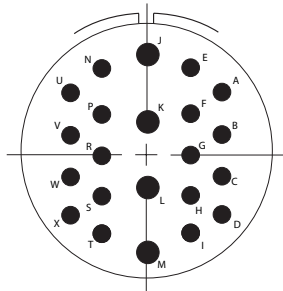
28A-9
4- #4, 5- #16



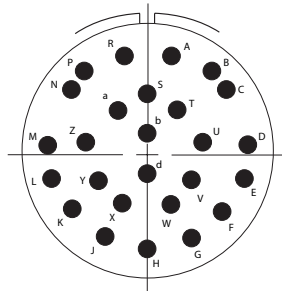
28-10
2- #4, 2- #8, 3- #12



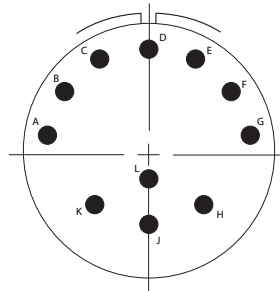
28A-10
10- #12



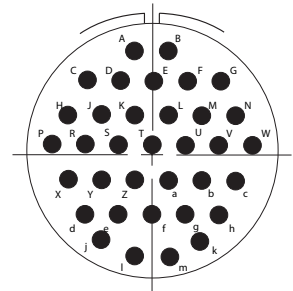
28-11
18- #16, 4- #12



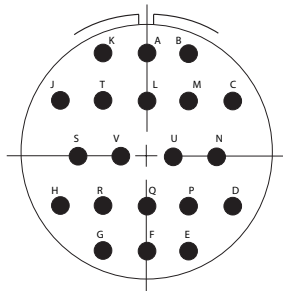
28-12
26- #16



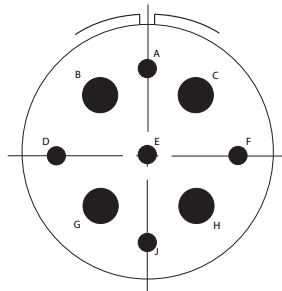
28-14
11- #16



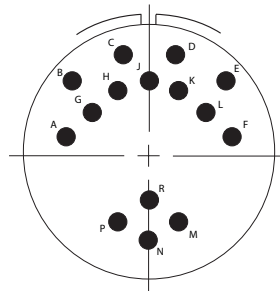
28-15
35- #16



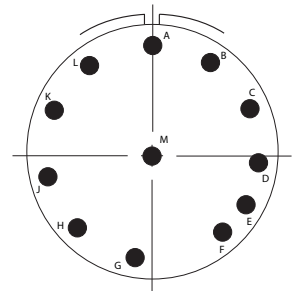
28-16*
20- #16



28A-16
4- #4, 5- #16



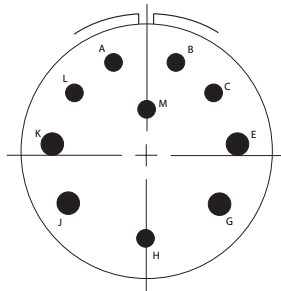
28-17
15- #16



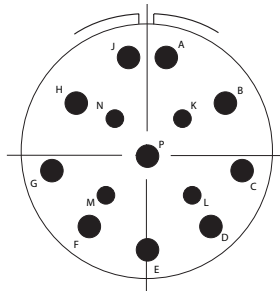
28-18
12- #16

Consult factory for layout availability.

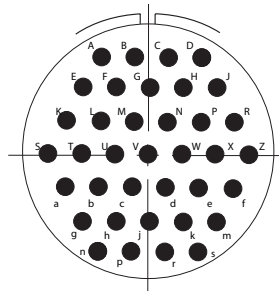
Insert Arrangement Views



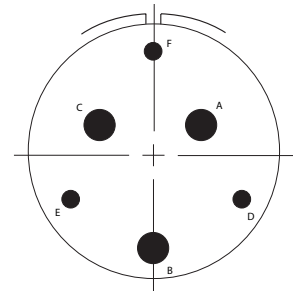
28-19
6- #16, 4- #12



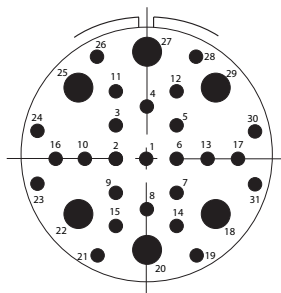
28-20
4- #16, 10- #12



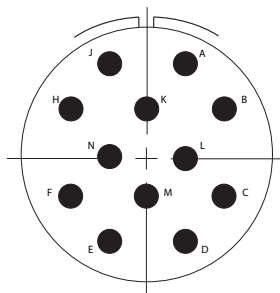
28-21
37- #16



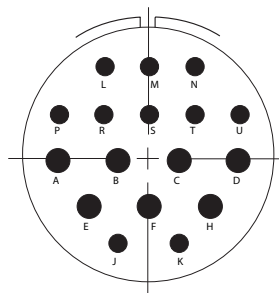
28-22
3- #16, 3- #4



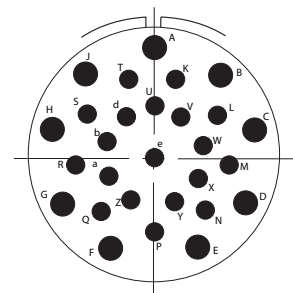
28-31
6- #8, 25- #20



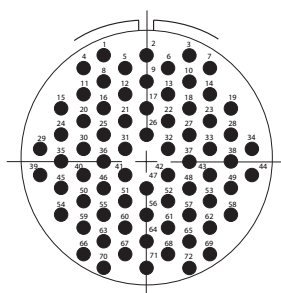
28-51
12- #12



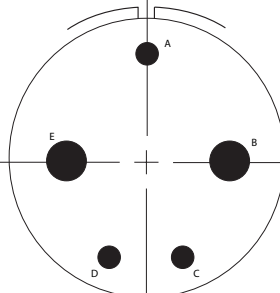
28-59
7- #12, 10- #16



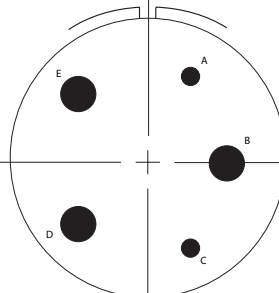
28A-63
9- #12, 19- #16



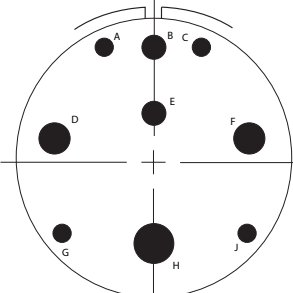
28-72
72- #20



32-1
3- #12, 2- #0



32-2
3- #4, 2- #16



32-3
4- #16, 2- #12,
2- #4, 1- #0

Consult factory for layout availability.

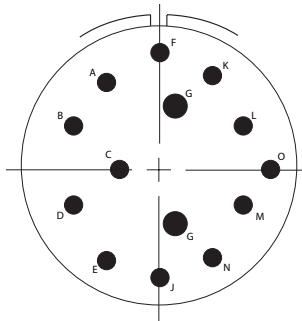
JTCIR Reverse Bayonet Connectors

Insert Arrangements

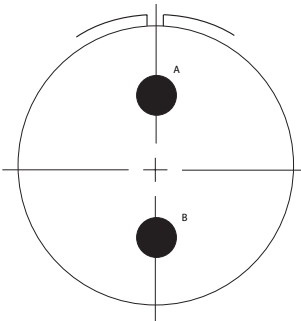
Pin Front View



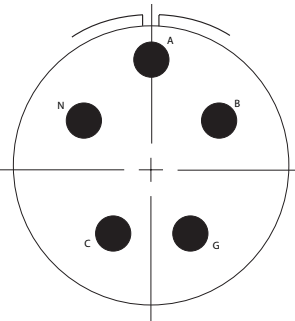
Insert Arrangement Views



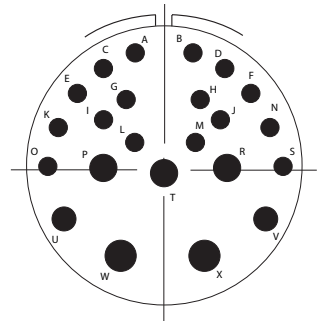
32-4
2- #12, 12- #16



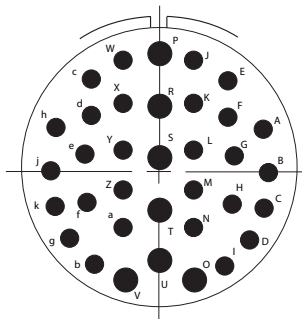
32-5
2- #0



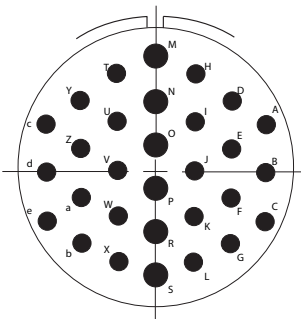
32A-5
5- #4



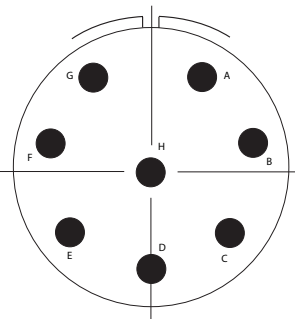
32-6
16- #16, 2- #12,
3- #8, 2- #4



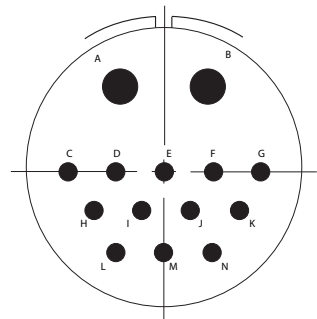
32-7
28- #16, 7- #12



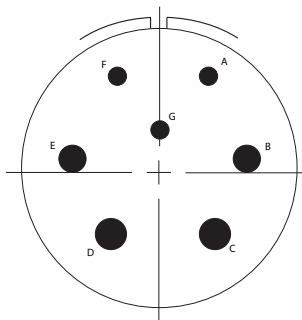
32-8
24- #16, 6- #12



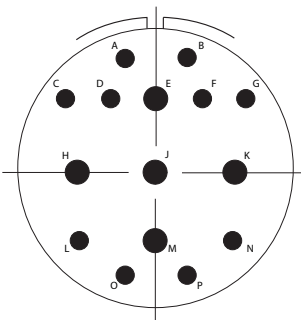
32A-8
8- #8



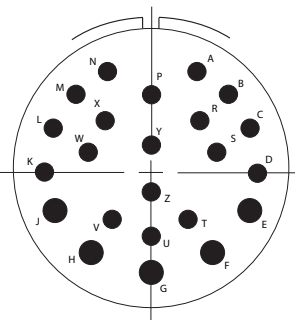
32-9
2- #4, 12- #16



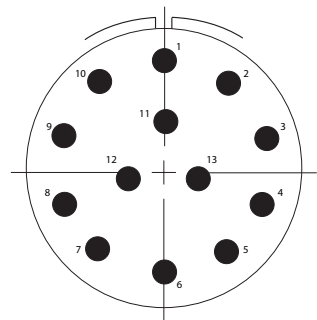
32-10
3- #16, 2- #8,
2- #4



32-12
5- #12, 10- #16



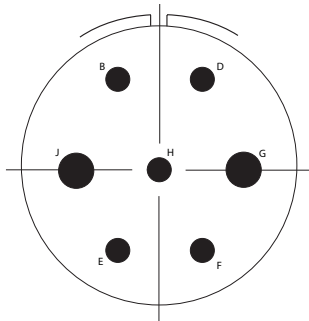
32-13
5- #12, 18- #16



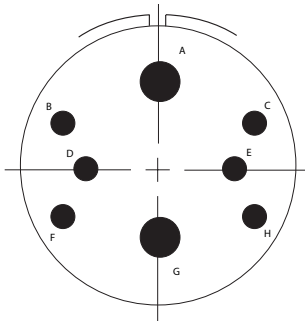
32A-13
13- #12

Consult factory for layout availability.

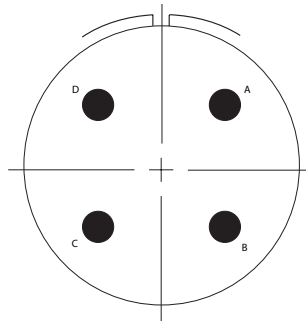
Insert Arrangement Views



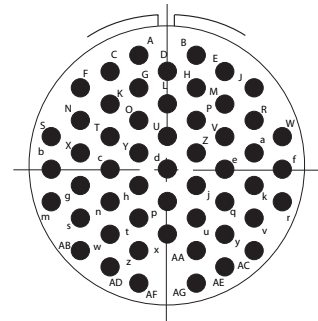
32-14
2- #4, 5- #12



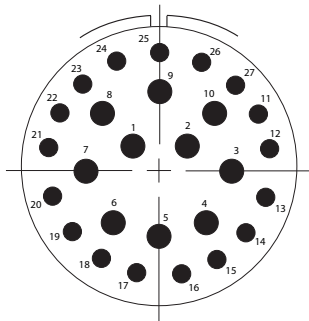
32-15
6- #12, 2- #0



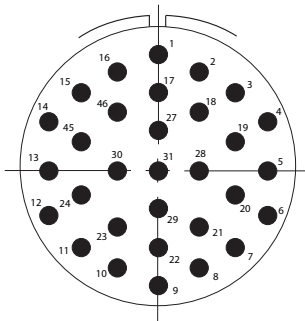
32-17
4- #4



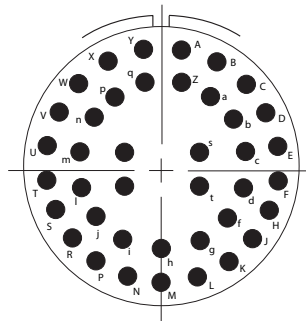
32-22
54- #16



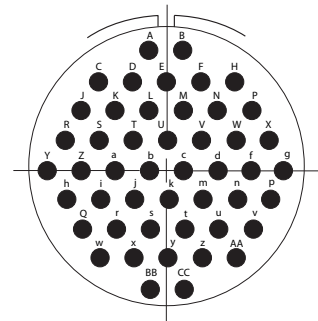
32A-27
10- #12, 17- #16



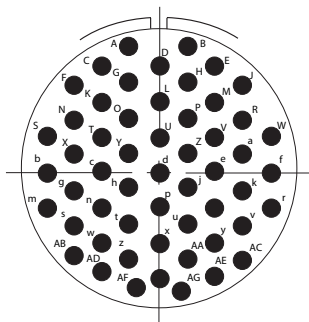
32-31
31- #16



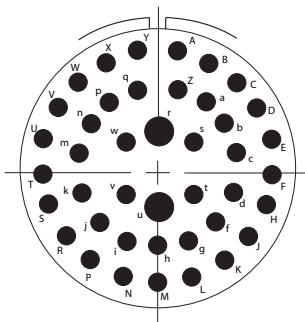
32A-40
37- #16



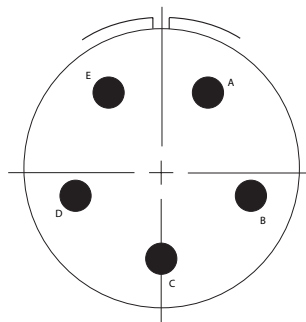
32A-48
48- #16



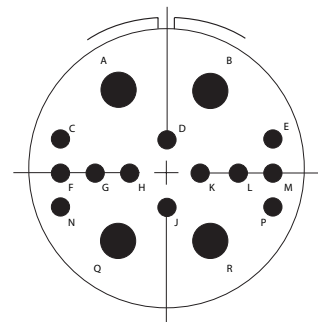
32A-55
55- #16



32-59
2- #8, 40- #16



32-63
5- #4



32-68
4- #4, 12- #16

Consult factory for layout availability.

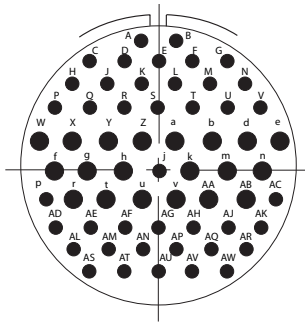
JTCIR Reverse Bayonet Connectors

Insert Arrangements

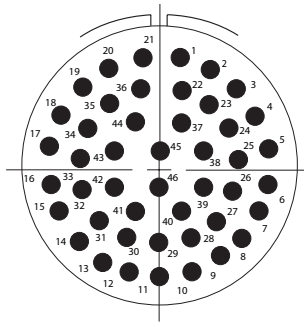
Pin Front View



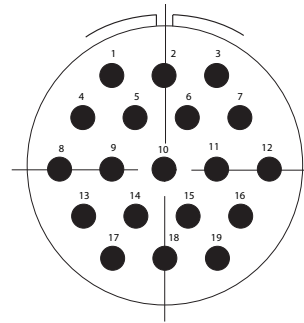
Insert Arrangement Views



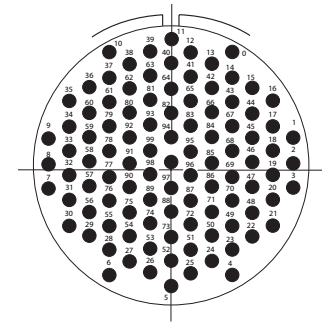
32A-69
20- #16, 41- #20



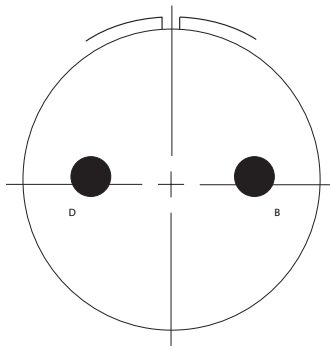
32-73
46- #16



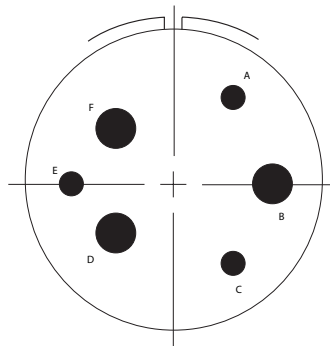
32-76
19- #12



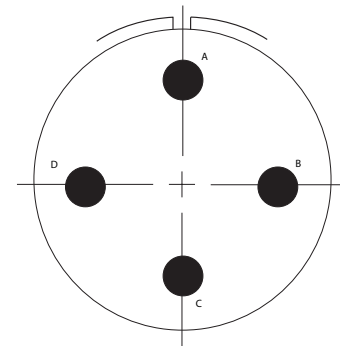
32-101
101- #20



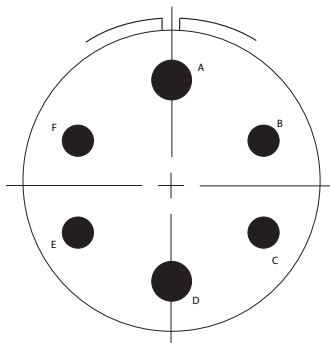
36A-2
2- #0



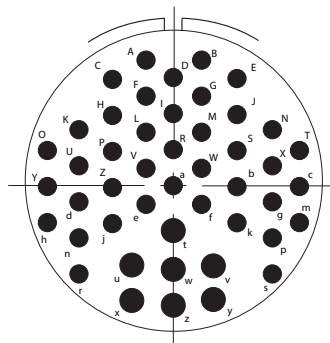
36-3
3- #12, 3- #0



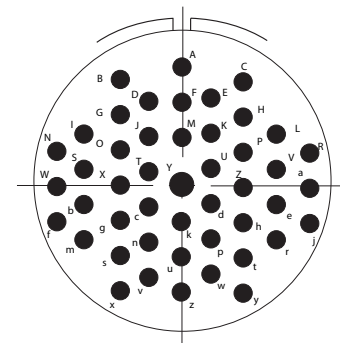
36-5
4- #0



36-6
4- #4, 2- #0



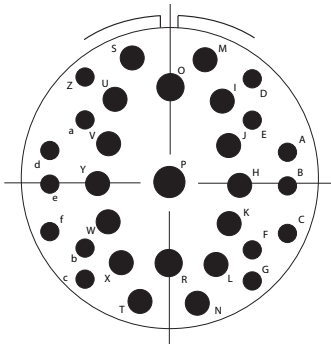
36-7
40- #16, 7- #12



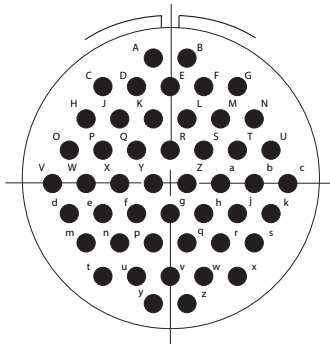
36-8
46- #16, 1- #12

Consult factory for layout availability.

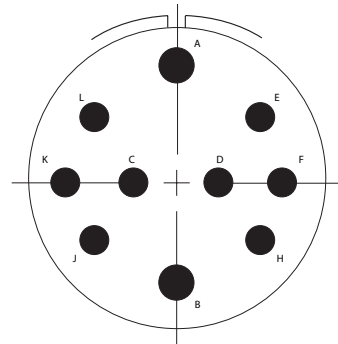
Insert Arrangement Views



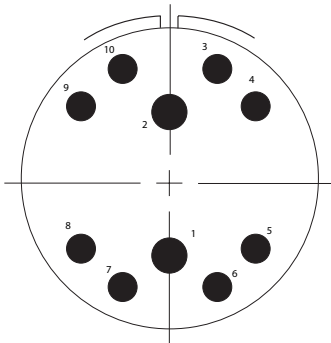
36-9
 14- #16, 14- #12,
 2- #8, 1- #4



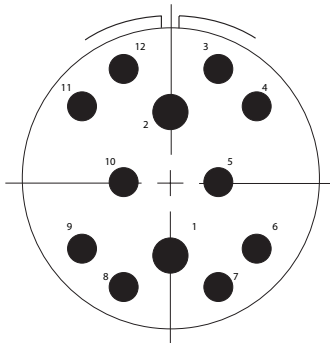
36-10
 48- #16



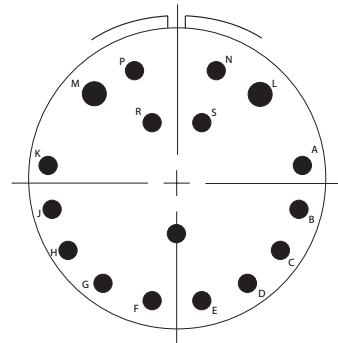
36A-10
 2- #4, 8- #8



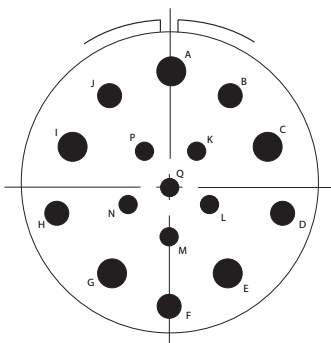
36B-10
 2- #4, 8- #8



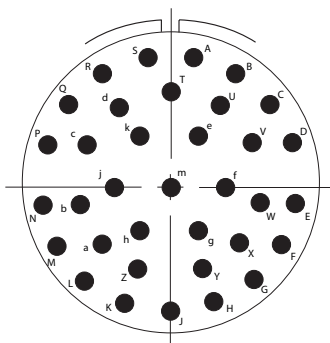
36A-12
 2- #4, 10- #8



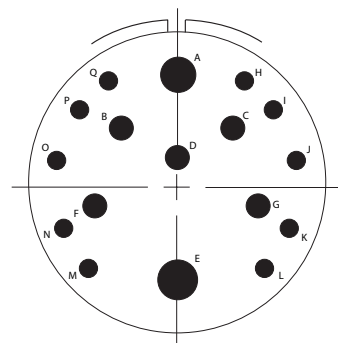
36-13
 2- #12, 15- #16



36-14
 5- #8, 5- #12, 6- #16



36-15
 35- #16



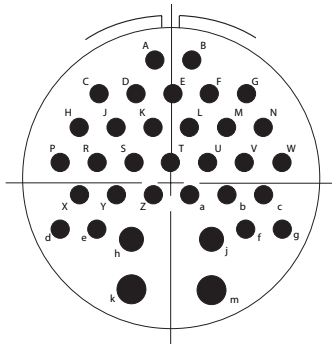
36-19
 1- #0, 1- #4
 5- #12, 10- #16

Consult factory for layout availability.

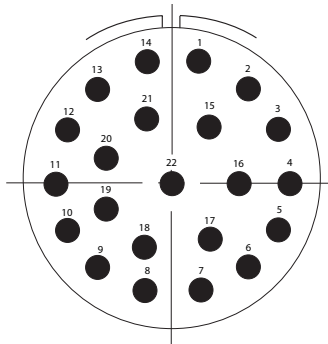
JTCIR Reverse Bayonet Connectors
Insert Arrangements
Pin Front View



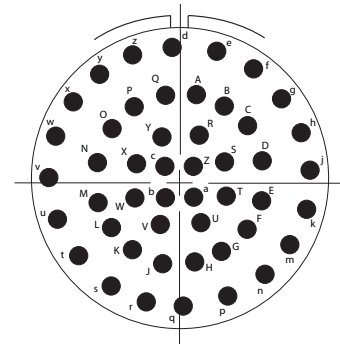
Insert Arrangement Views



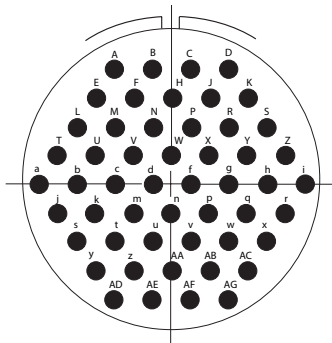
36-20
 2- #8, 2- #12, 30- #16



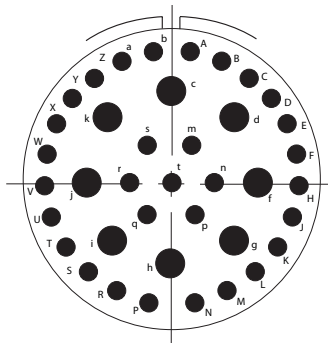
36A-22
 22- #12



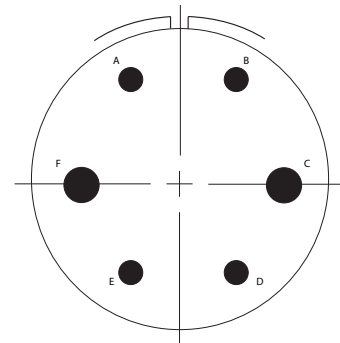
36A-48
 48- #16



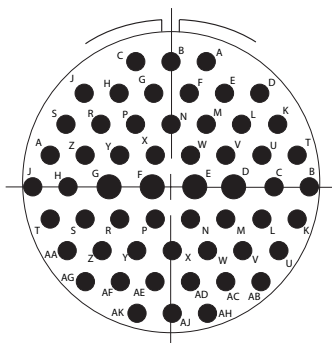
36-52
 52- #16



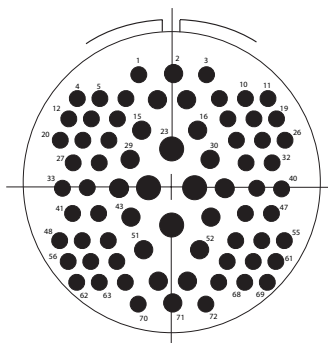
36-54
 8- #8, 31- #16



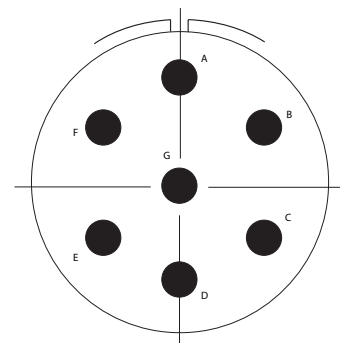
36A-61
 2- #4, 4- #12



36-66
 4- #12, 52- #16



36A-72
 4- #12, 16- #16, 52- #18

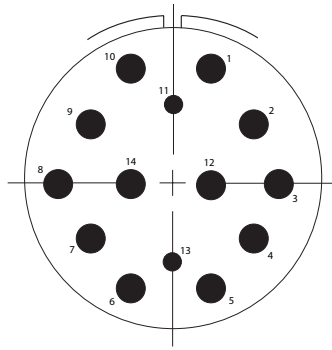


36-77
 7- #4

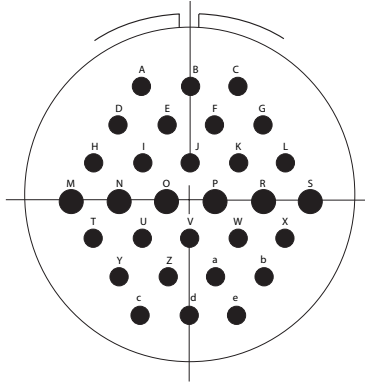
Consult factory for layout availability.



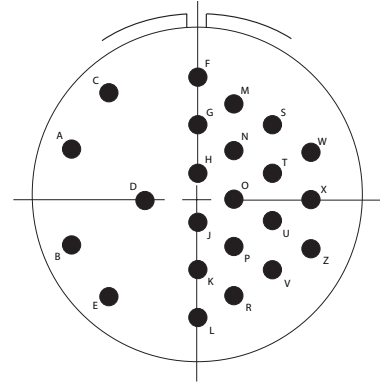
Insert Arrangement Views



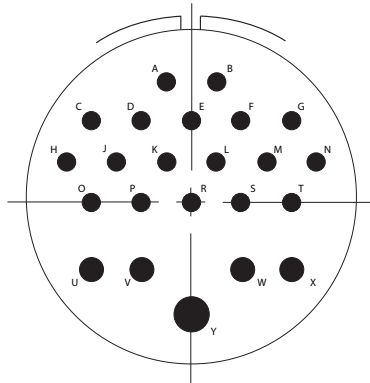
36-78
12- #8, 2- #16



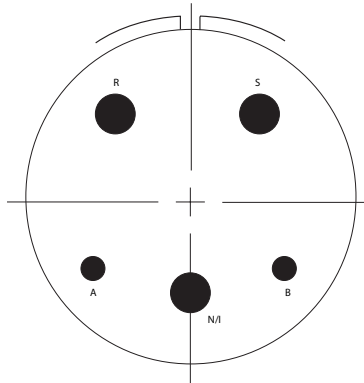
40-1
24- #16, 6- #12



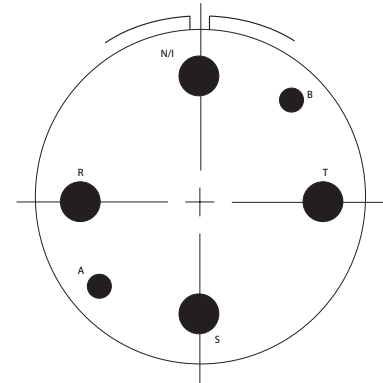
40-2
23- #16



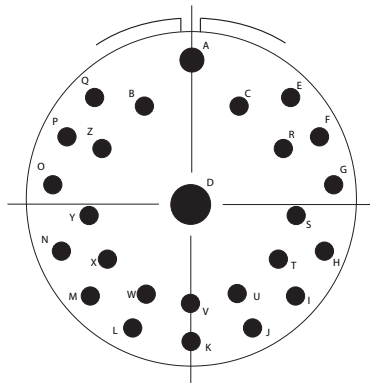
40-3
18- #16, 4- #12, 1- #4



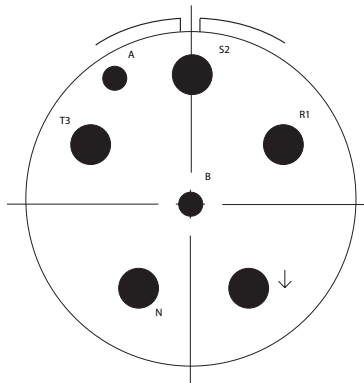
40A-3
11 #0M, 2- #0, 2- #12



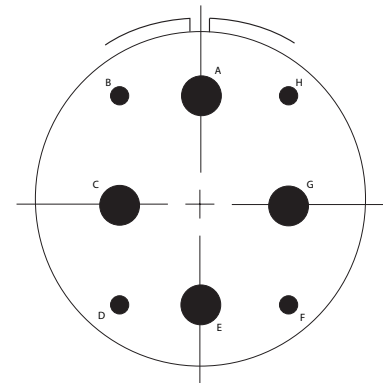
40A-4
1- #0M, 3- #0, 2- #12



40-6
24- #16, 1- #12, 1- #0



40-7
5- #0, 2- #12



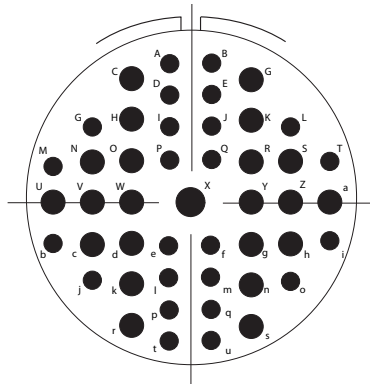
40A-8
4- #0, 4- #16

Consult factory for layout availability.

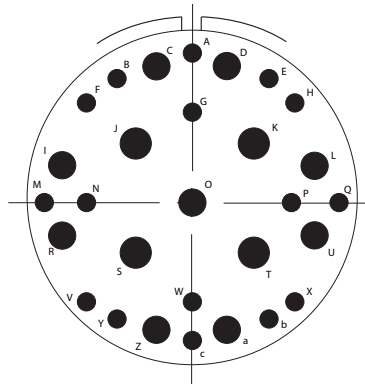
JTCIR Reverse Bayonet Connectors
Insert Arrangements
Pin Front View



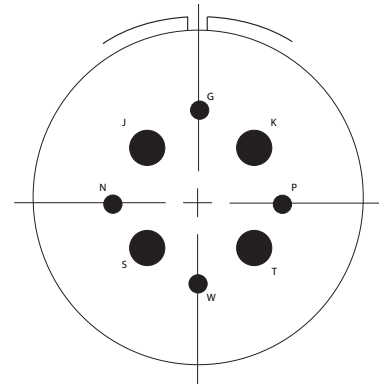
Insert Arrangement Views



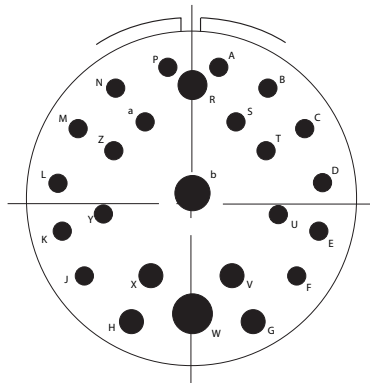
40-9
 1- #8, 22- #12, 24- #16



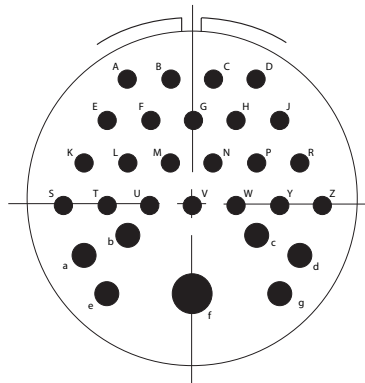
40-10
 16- #16, 9- #8,
 4- #4



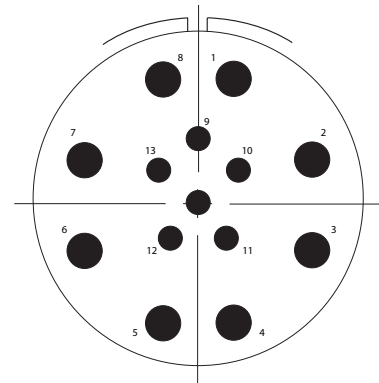
40A-10
 4- #4, 4- #16



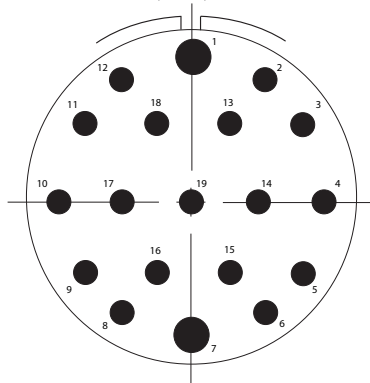
40-11
 18- #16, 4- #12,
 1- #8, 1- #4, 1- #0



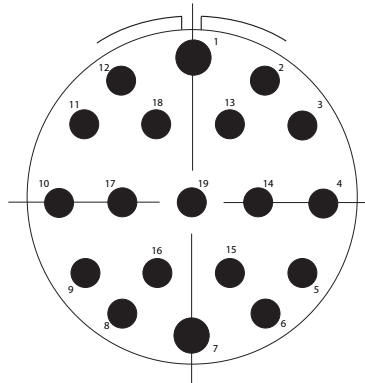
40-12
 1- #0, 6- #12, 22- #16



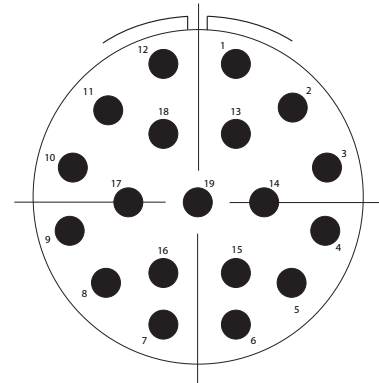
40A-14
 8- #4, 6- #12



40-19
 2- #4, 17- #12



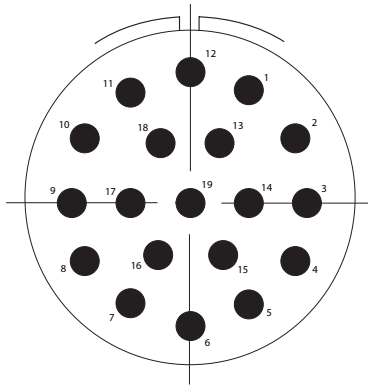
40A-19
 2- #4, 17- #8



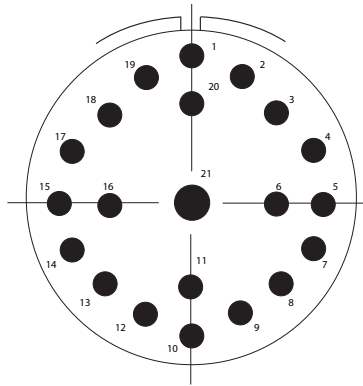
40B-19
 19- #8

Consult factory for layout availability.

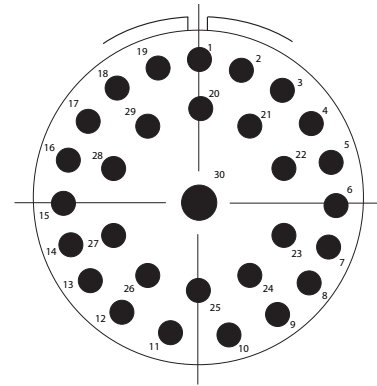
Insert Arrangement Views



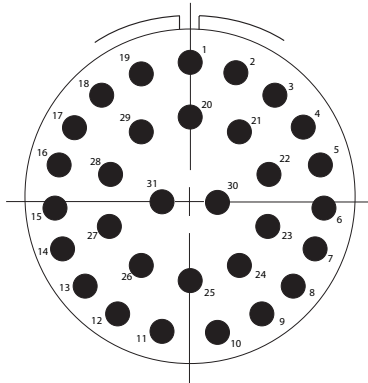
40J-19
19- #8



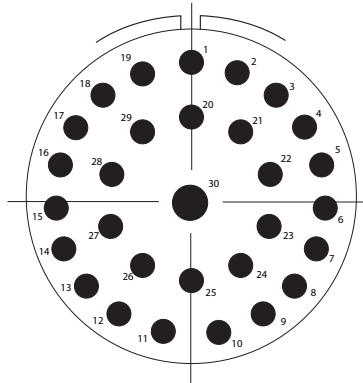
40A-21
1- #4, 20- #12



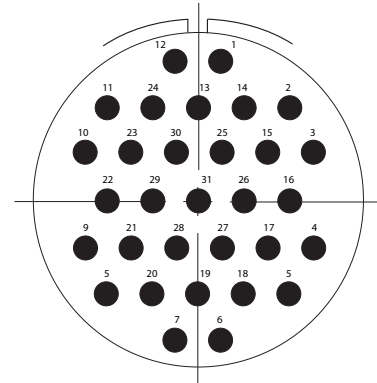
40A-30
1- #4, 29- #12



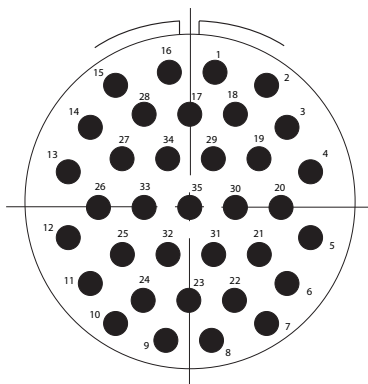
40B-30
31- #12



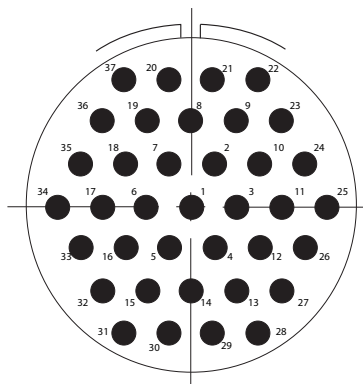
40C-30
1- #4, 29- #12



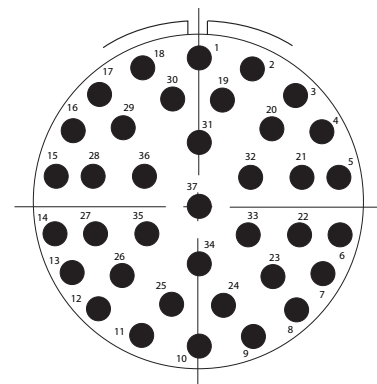
40A-31
31- #12



40A-35
35- #12



40A-37
37- #12



40B-37
37- #12

Consult factory for layout availability.

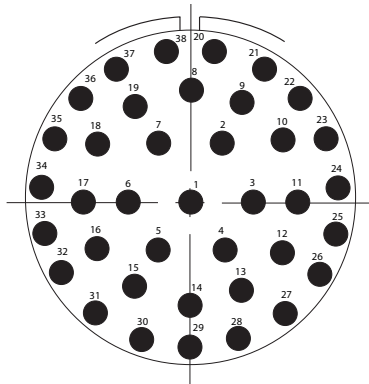
JTCIR Reverse Bayonet Connectors

Insert Arrangements

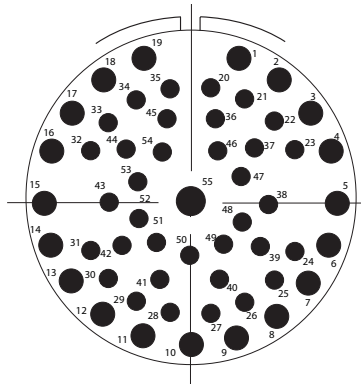
Pin Front View



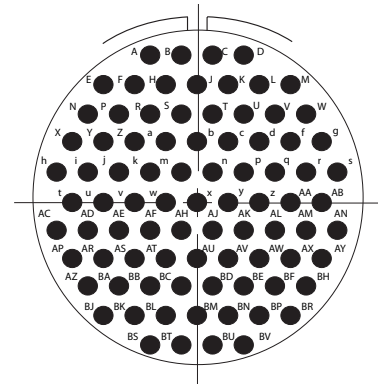
Insert Arrangement Views



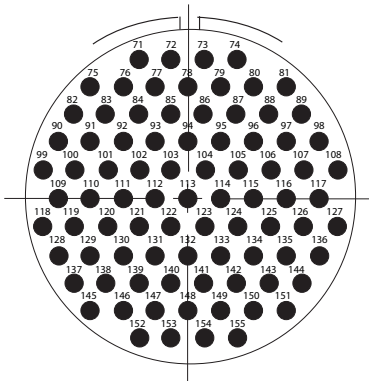
40A-38
38- #12



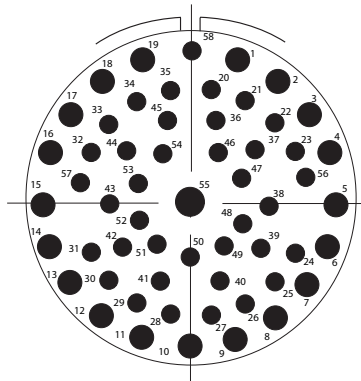
40-55
1- #8, 19- #12, 35- #16



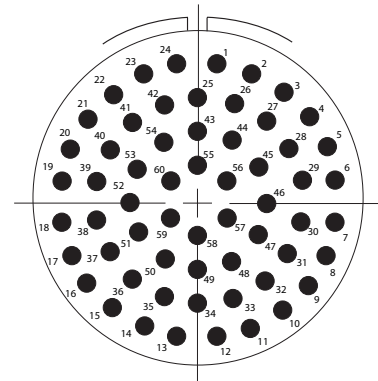
40-56
85- #16



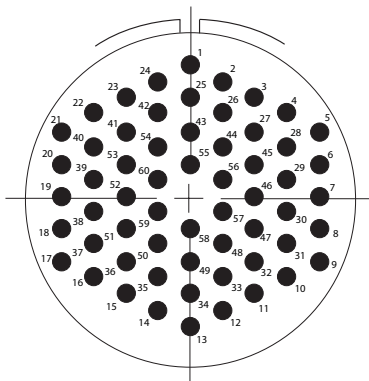
40A-56
85- #16



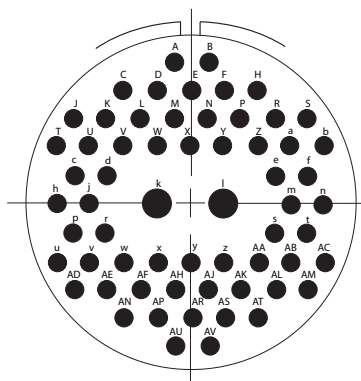
40-58
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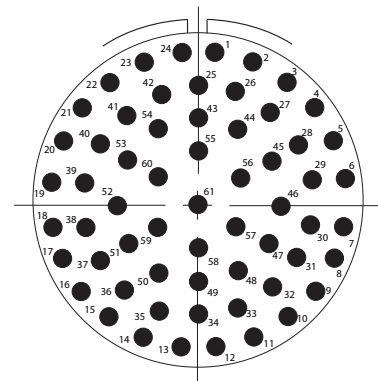
40A-60
60- #16



40-62
60- #16



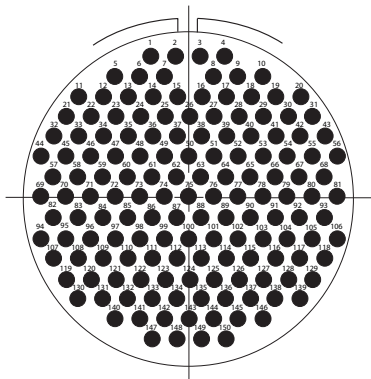
40A-62
60- #16, 2- #8



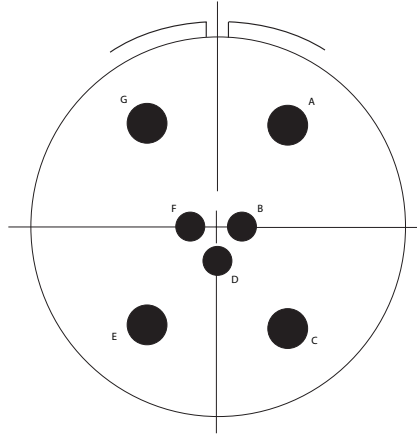
40-63
61- #16

Consult factory for layout availability.

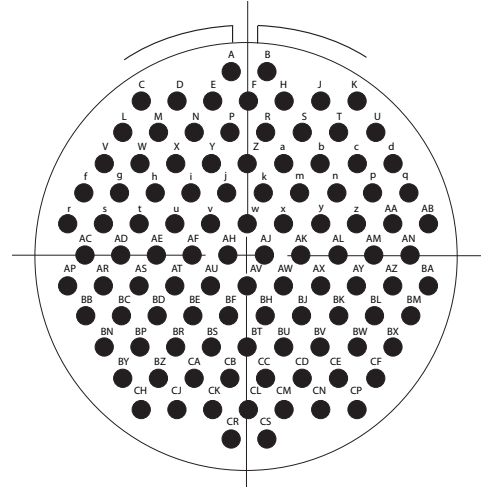
Insert Arrangement Views



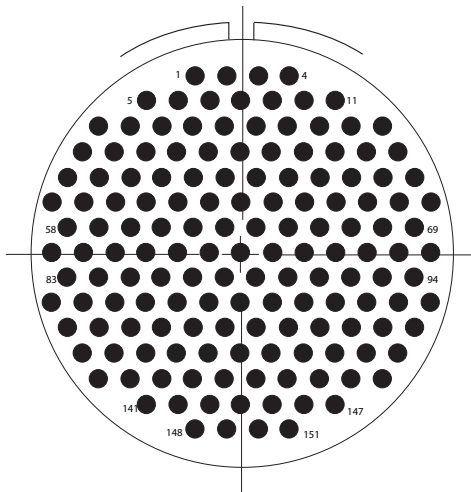
40A-150
150- #18



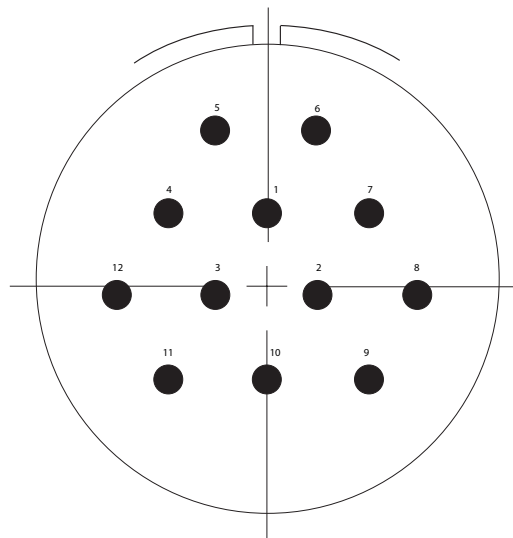
44A-107
4- #0, 3- #8



48-104
104- #16



48A-151
151- #16



61-21
12- #8

Consult factory for layout availability.

JTCIR
Reverse Bayonet
Connectors



JTCIR07*



JTCIR06*GG



High Voltage



JTCIR06*



JTCIR00*



JTCIR030*



Conesys Products by Division



Military Specified Connectors

For information on MIL-DTL-5015 Rear Release, MIL-DTL-38999 Series I, II & III, MIL-DTL-83723 Series III, MIL-DTL-26482 Series 2 and MIL-DTL-26500 connectors for high reliability and severe environment applications please request catalog AE101 from Conesys/Aero-Electric Connector.

5015 Front Release, Reverse Bayonet, Custom Designs and Fiber Optic Products

For information on MIL-DTL-5015 Front Release connectors for shipboard application, Reverse Bayonet connectors for rail/mass transit application, Fiber Optic assemblies and customized, high reliability, severe environment products for Military, Aerospace, Transportation, Telecom and Industrial applications, please request various brochures from Conesys/J-Tech.



Filter and Transient Suppression Connectors

Filter and transient suppression (lightning strike protected) devices are integrated into the connector to eliminate bulky exterior filtering systems and reduce weight, space and end-user testing while providing system protection from EMI and EMP. Please request Conesys/EMP Connectors and Conesys/Jerrick publications, *Filter and Transient Suppression Connectors*.

Aero Industrial Products

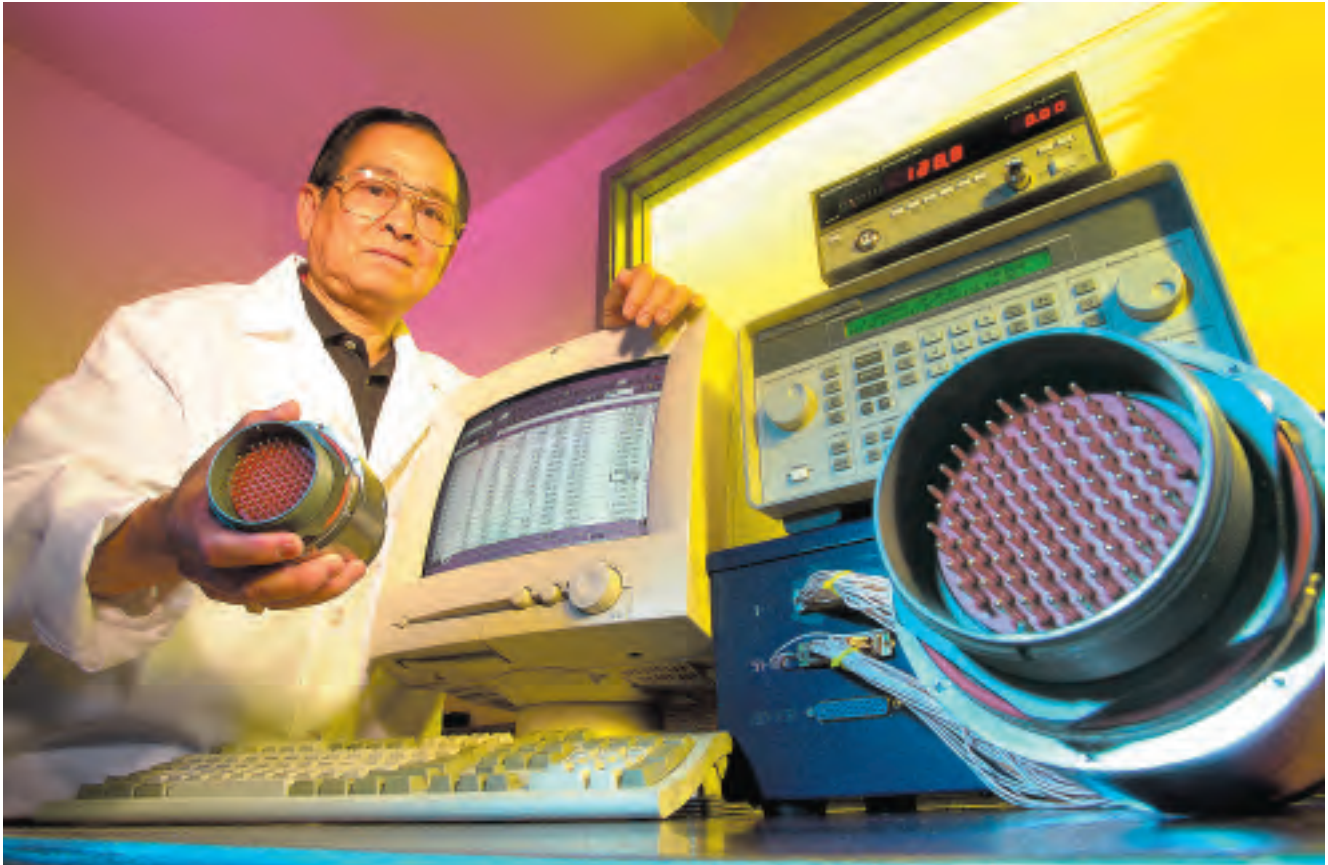
For information on our industrial standard duty, medium duty, heavy duty and quick disconnect lines of connectors along with custom cable assemblies, please request Conesys/Aero Industrial Products' publication, *Industrial Connectors and Custom Cable Assemblies*.



Hermetic Connectors

Hermetically sealed connectors are ideal choice for high-pressure/low-leakage applications in harsh environments. Conesys Europe manufactures hermetic connectors designed to MIL-DTL-38999 Series I, II, III and IV; EN2997; MIL-DTL-83723 Series III; MIL-DTL-26482 Series 2 and NAS1599; MIL-DTL-5015; and MIL-DTL-26500. Please request Conesys Europe's publication, *Hermetic Connectors*.

e x a c t i n g q u a l i t y



At Conesys, quality is a state of mind that permeates our entire organization, from the newest employee to the CEO. Our philosophy is based on prevention rather than detection. We endeavor to make decisions as early as possible, based on sound statistical principles and design, building quality into our processes from the start.

ISO 9001, AS9100, Six Sigma Tools – including statistical process controls (SPC), root cause and control charting – as well as training, audits and team activity are among the tools we use to validate the quality of our products and ensure our high levels of customer satisfaction. Everyone in the company is responsible for identifying and reporting quality issues and encouraged to initiate quality improvement ideas.

Design verification

Design verification, the first level of testing, is a critical component of the product development process. The Conesys Design for Quality goes through detailed checks and modeling prior to product tooling or production. After the product is tooled, we perform extensive first article inspections on the parts before they are assembled and go into the Product Verification Testing phase. Conesys products are designed and manufactured to pass the rigorous requirements for military QPL designation, UL, CSA and the specifications of our major customers.



Product verification

Product verification testing, performed in Conesys' well-equipped environmental laboratory, ensures that the product is impervious to harsh environments, such as salt, fog and humidity, thermal cycling and accelerated temperature life.



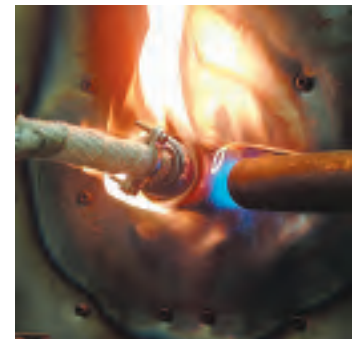
Supplier re-qualification

Our supplier performance index consists of quality product and on-time delivery, the same standards that our customers expect of us. Conesys continually re-qualifies suppliers, both internal and external, to ensure that they are delivering product with the integrity our customers require.



Testing

Testing and measurement are tools for product and performance validation, and are continuous processes at Conesys. In process testing, we perform 100% testing for dielectric withstanding voltage (DWV) and insulation resistance (IR) on the insert assemblies. Periodically, Conesys retests our products to re-certify them to the appropriate specification.



Performance measurement

Conesys uses measurements derived from SPC and other Six Sigma tools to monitor the quality of the product, to correct deficiencies in process or improve the existing process and reduce the cost of quality.





Standard Product Families

MIL-DTL-38999 Series I

MS27466	Aero
MS27467	Aero
MS27468	Aero
MS27496	Aero
MS27505	Aero
MS27656	Aero

MIL-DTL-38999 Series II

MS27472	Aero
MS27473	Aero
MS27474	Aero
MS27484	Aero
MS27497	Aero
MS27499	Aero
MS27500	Aero
MS27508	Aero
MS27513	Aero

MIL-DTL-38999 Series III

D38999/20	Aero
D38999/24	Aero
D38999/26	Aero

MIL-DTL-5015 Rear Release

MS3450	Aero, J-Tech
MS3451	Aero, J-Tech
MS3452	Aero, J-Tech
MS3454	Aero, J-Tech
MS3456	Aero, J-Tech
MS3459	Aero, J-Tech

MIL-DTL-5015 Front Release

MS3400	J-Tech
MS3401	J-Tech
MS3402	J-Tech
MS3404	J-Tech
MS3406	J-Tech
MS3408	J-Tech
MS3409	J-Tech
JT3496	J-Tech

MIL-DTL-28748 Rectangular

M28748/9	J-Tech
M28748/10	J-Tech

MIL-DTL-26500 (Threaded/Bayonet)

MS24264	Aero
MS24265	Aero
MS24266	Aero

EMI and EMP Protected Products

Filtered	EMP, Jerrik
Transient Suppressed	EMP, Jerrik

MIL-DTL-26482 Series 2

MS3470	Aero
MS3471	Aero
MS3472	Aero
MS3474	Aero
MS3475	Aero
MS3476	Aero

Military & Douglas (DC**) Contacts

M39029/29	J-Tech
M39029/30	J-Tech
M39029/36, 37	J-Tech
M39029/44	J-Tech
M39029/45	J-Tech
DC38	J-Tech
DC39	J-Tech
DC64	J-Tech
DC65	J-Tech

Douglas BAN 7025 Connectors (DC**)

DC30 thru DC37	Aero
DC50 thru DC57	Aero, J-Tech
DC60 thru DC63	Aero, J-Tech

Specialty Connector Lines

Reverse Bayonet	J-Tech
ESC004 (Rolls Royce)	J-Tech
A-Type	AIP
V-Type	AIP
X-Type	AIP
Rapid Change	AIP

MIL-DTL-83723 Series III

M83723/66, 67	J-Tech
M83723/68, 69	Aero, J-Tech
M83723/70	Aero
M83723/71, 72	Aero, J-Tech
M83723/73, 74	Aero, J-Tech
M83723/75, 76	Aero, J-Tech
M83723/77, 78	Aero, J-Tech
M83723/82, 83	Aero, J-Tech
M83723/84, 85	Aero, J-Tech
M83723/86, 87	Aero, J-Tech
M83723/91, 92	Aero, J-Tech
M83723/95, 96	Aero, J-Tech
M83723/97, 98	Aero, J-Tech

Cable/Harness Assembly

Fiber	J-Tech
Copper	AIP

Sales in Europe, Africa and Middle East

All products made by	Conesys Europe
Aero, J-Tech & EMP	



conesys



Aero-Electric Connector
2280 208th St.
Torrance, California 90501
Tel: 310.618.3737
Fax: 310.618.3738
aero-electric@conesys.com



J-Tech
548 Amapola Ave.
Torrance, California 90501
Tel: 310.533.6700
Fax: 310.533.6799
j-tech@conesys.com



Conesys Europe
20, avenue Jean-Monnet
31770 Colomiers. France
Tel: 33.5.61.15.34.20
Fax: 33.5.61.15.48.11
sales@conesys europe.com



EMP Connector
548 Amapola Ave.
Torrance, California 90501
Tel: 310.222.5780
Fax: 310.222.5781
emp@conesys.com



ATI-Interco
6, Rue Jean Mermoz
ZA de Saint Guenault
91080 Courcouronnes. France
Tel: +33 1 69 36 64 20
Fax: +33 1 69 36 64 05
contact@ati-interco.fr



Aero Industrial Products
2280 208th St.
Torrance, California 90501
Tel: 310.618.3737
Fax: 310.618.3738
aip@conesys.com



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